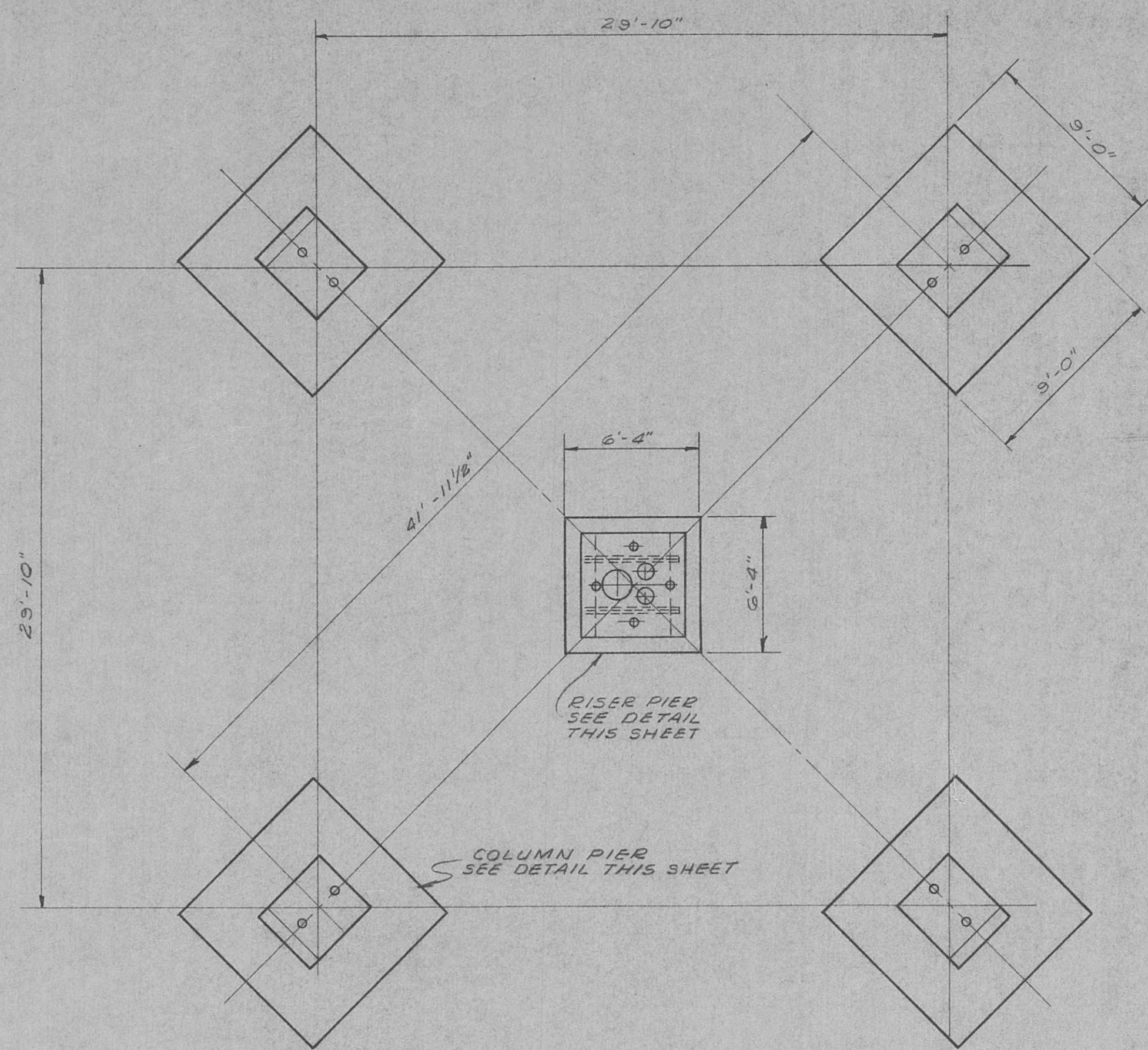
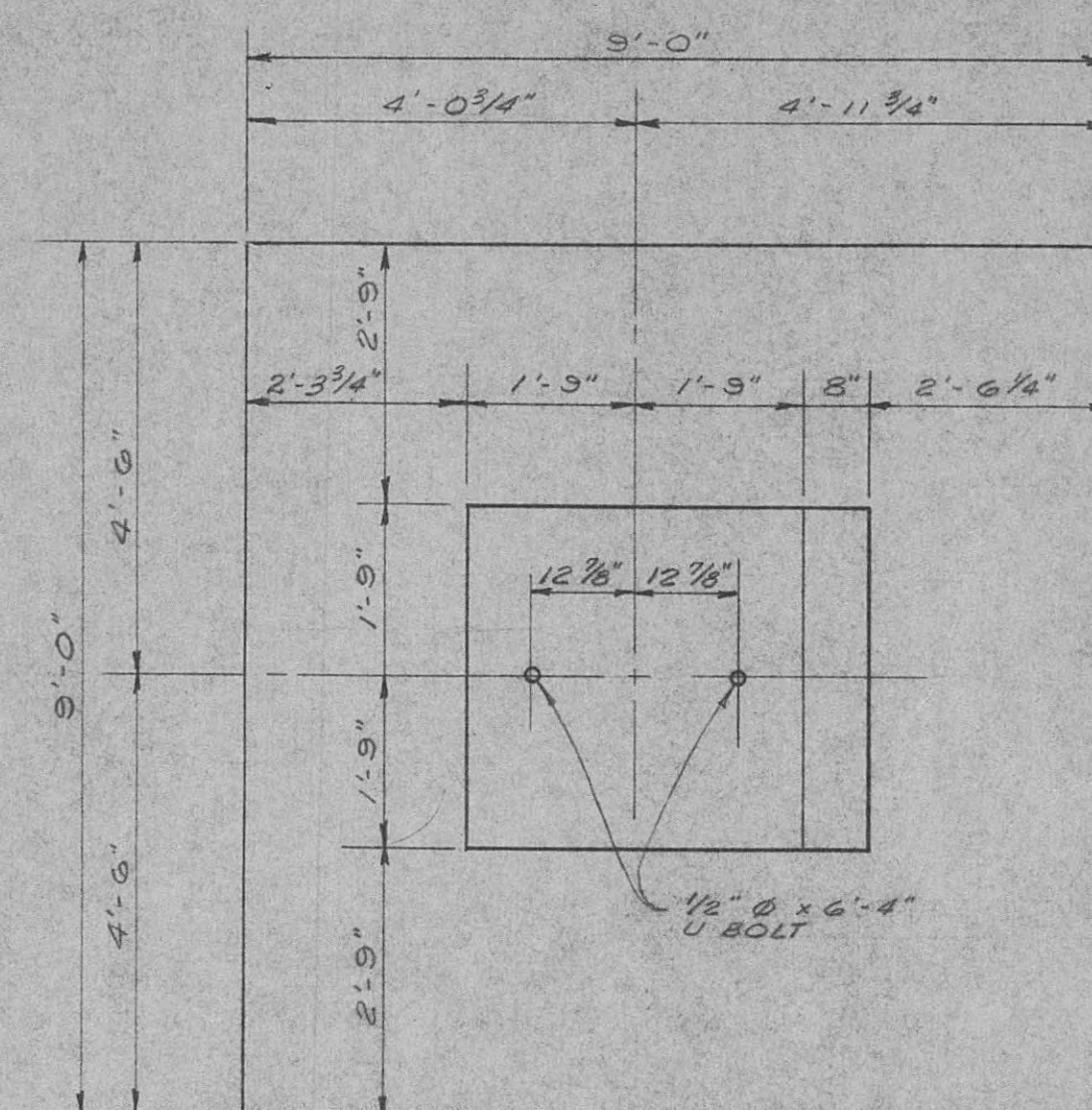
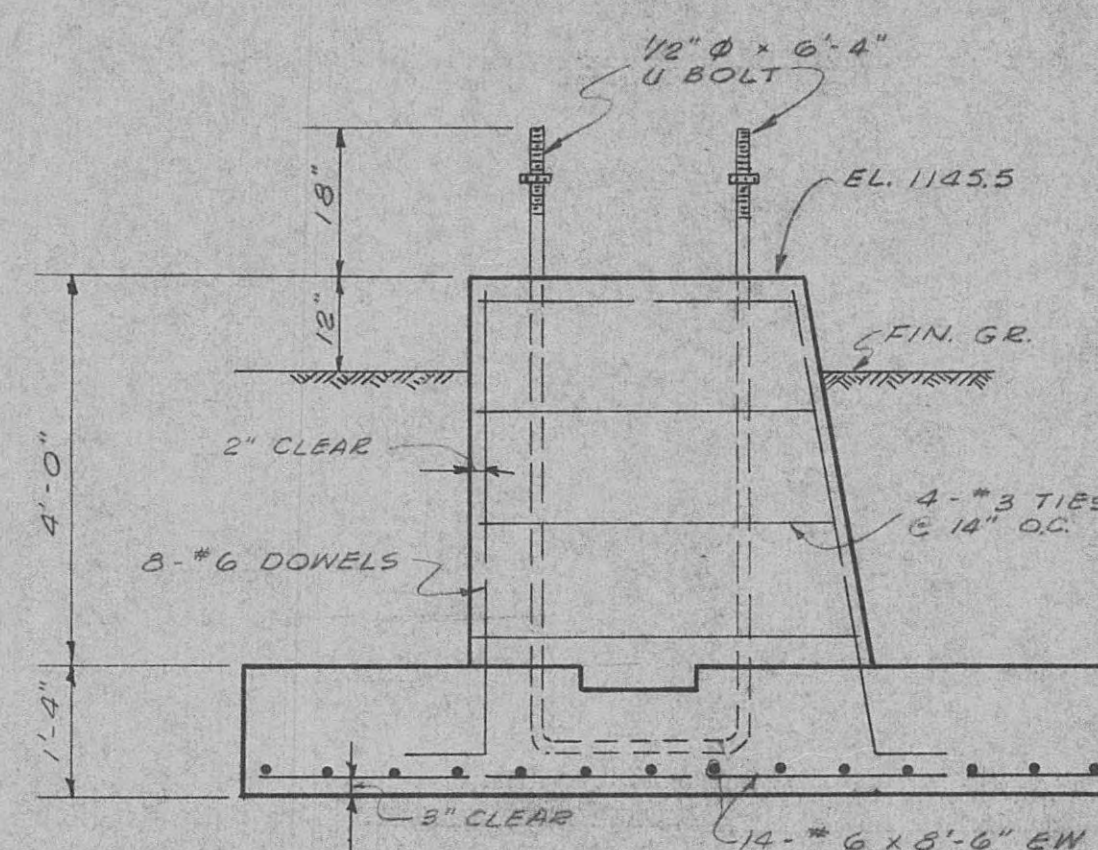




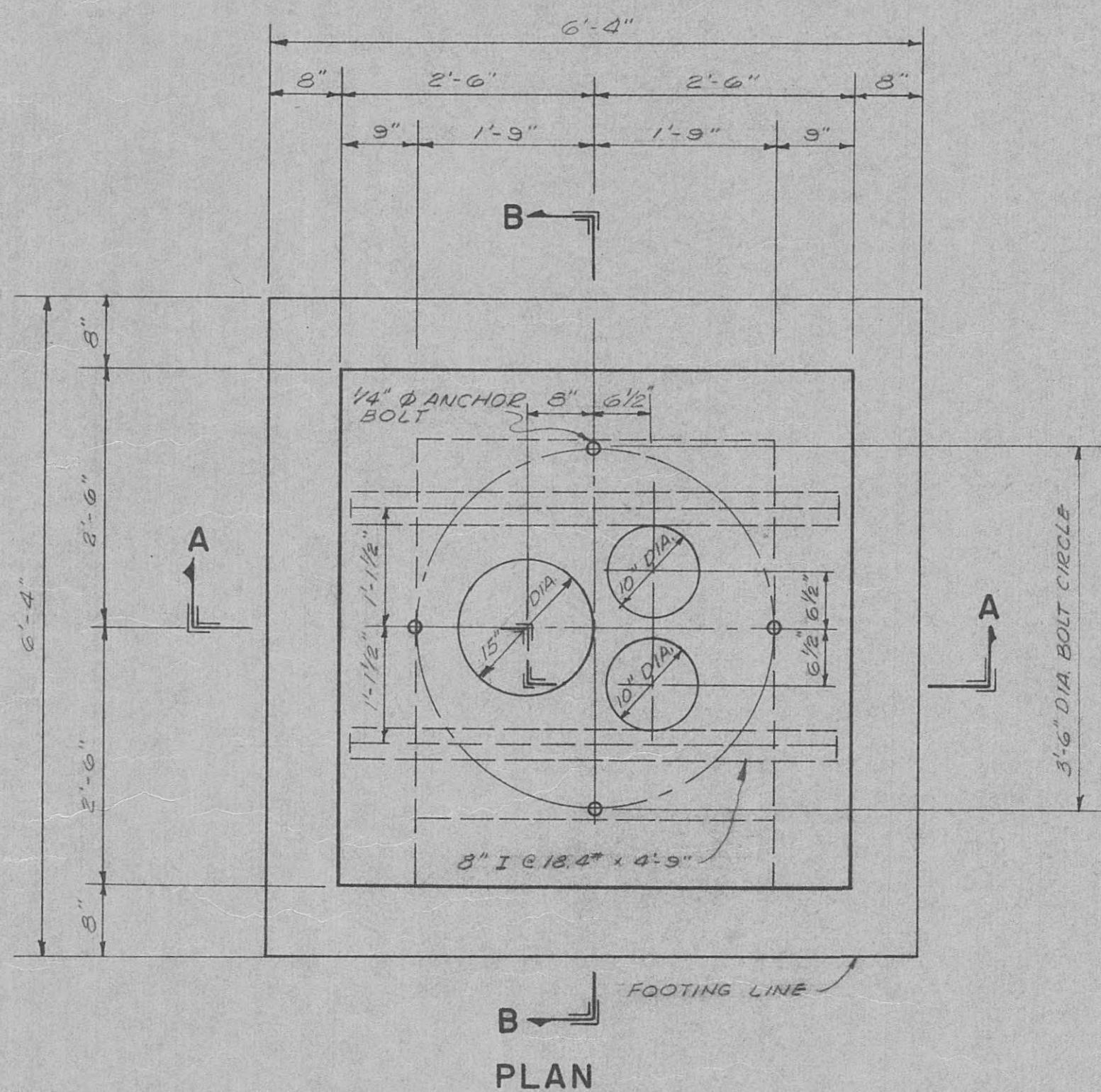
PIER LAYOUT
SCALE: 3/16"=1'-0"



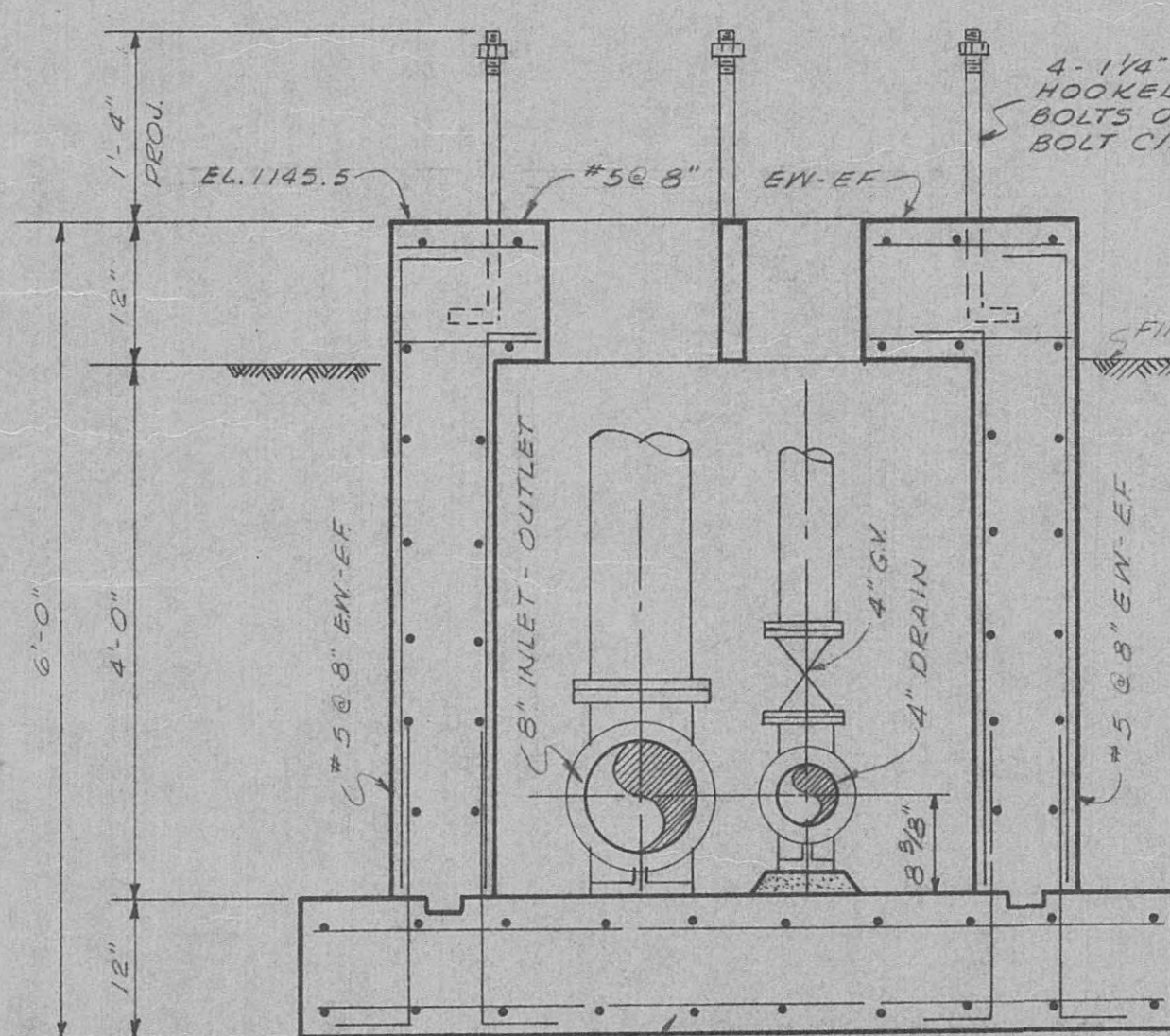
PLAN



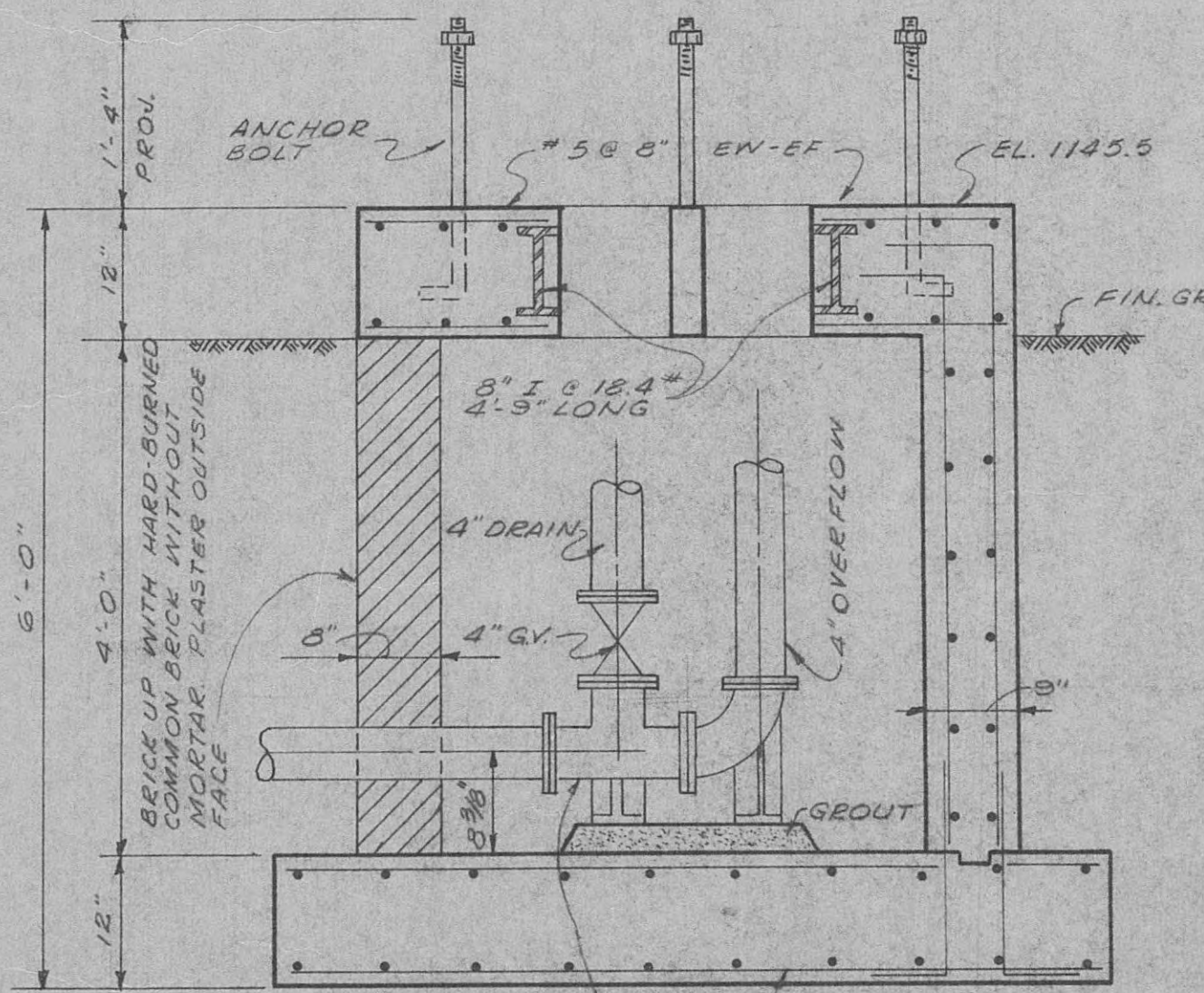
SECTION
COLUMN PIER DETAIL
SCALE: 1/2"=1'-0"



PLAN

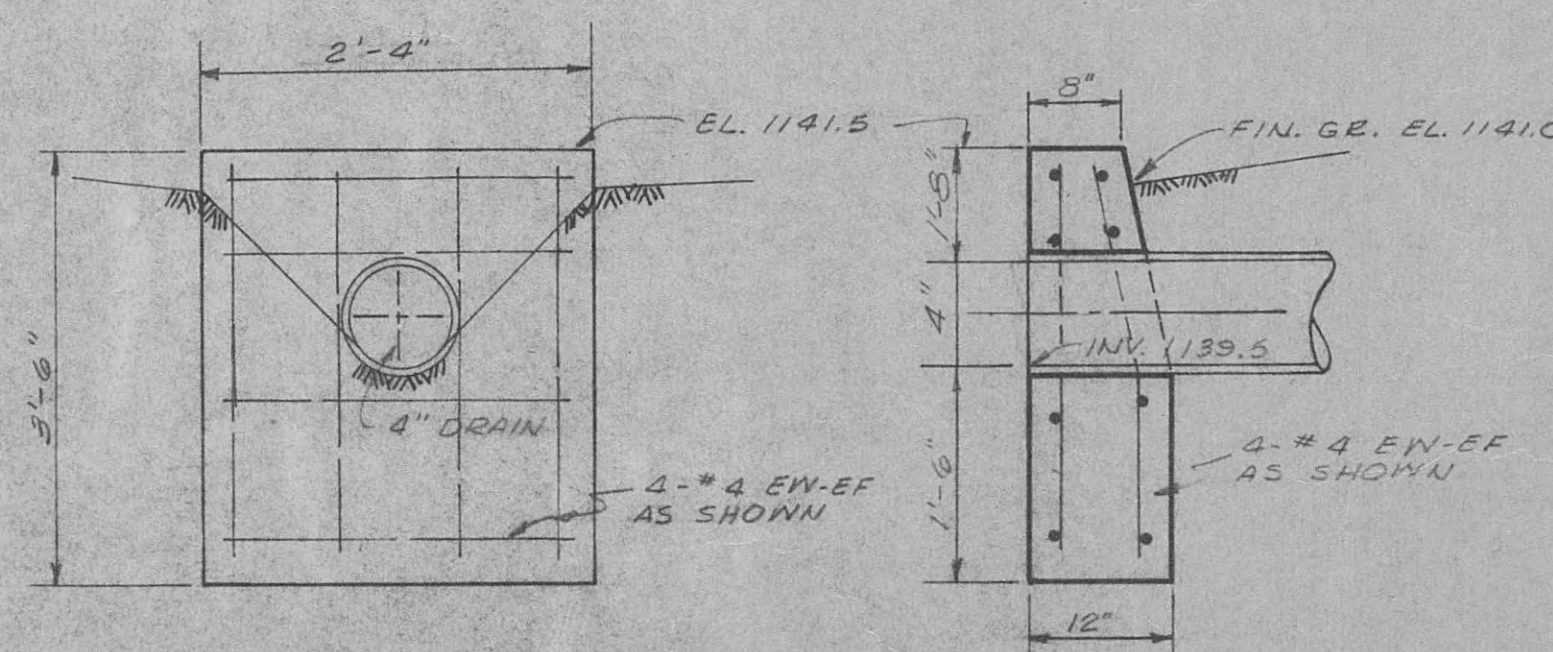


SECTION A-A

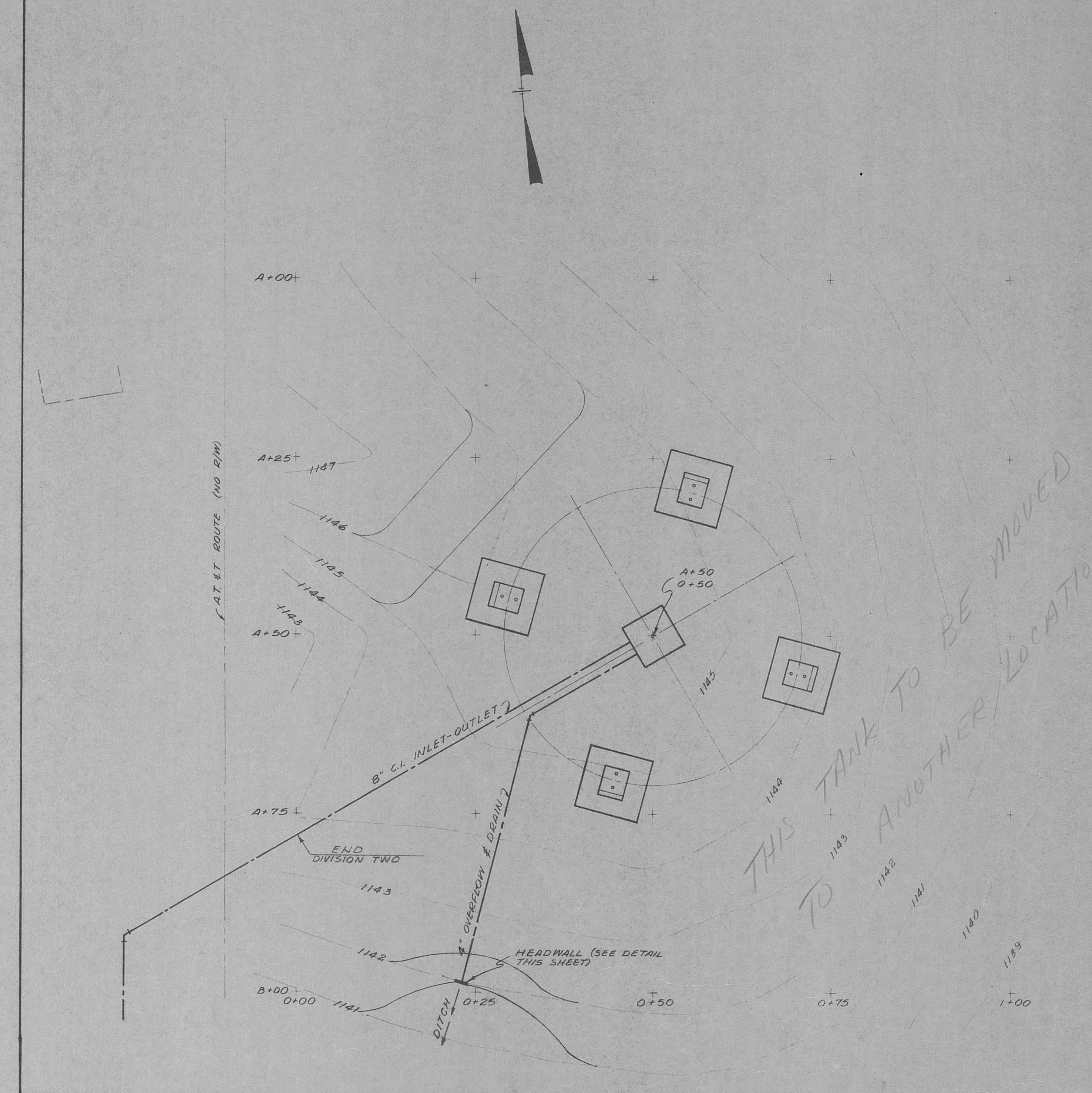


SECTION B-B

CENTER PIER DETAIL
SCALE: 3/4"=1'-0"



HEADWALL DETAIL
NTS.



GENERAL LAYOUT
SCALE: 1"=10'

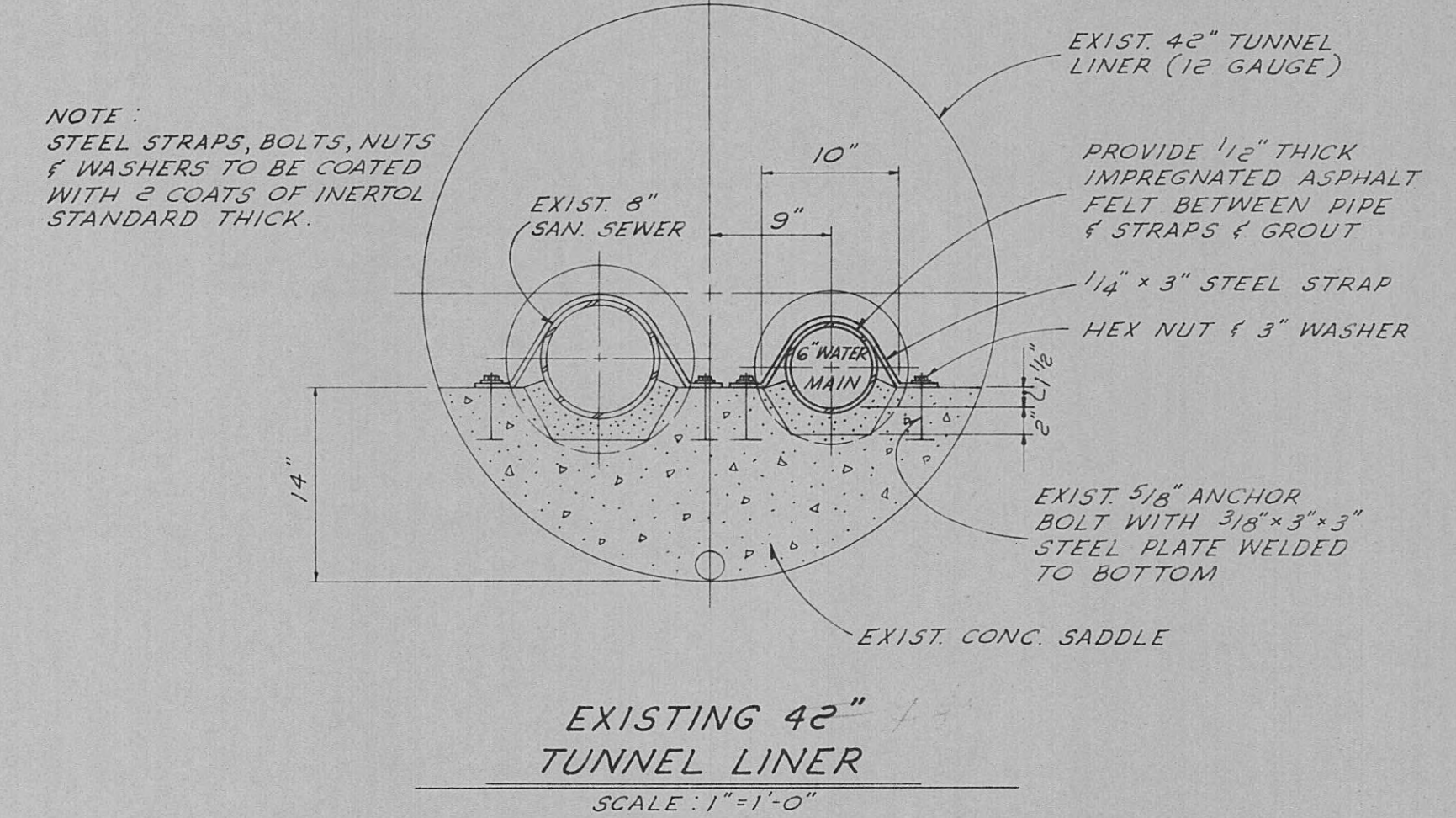
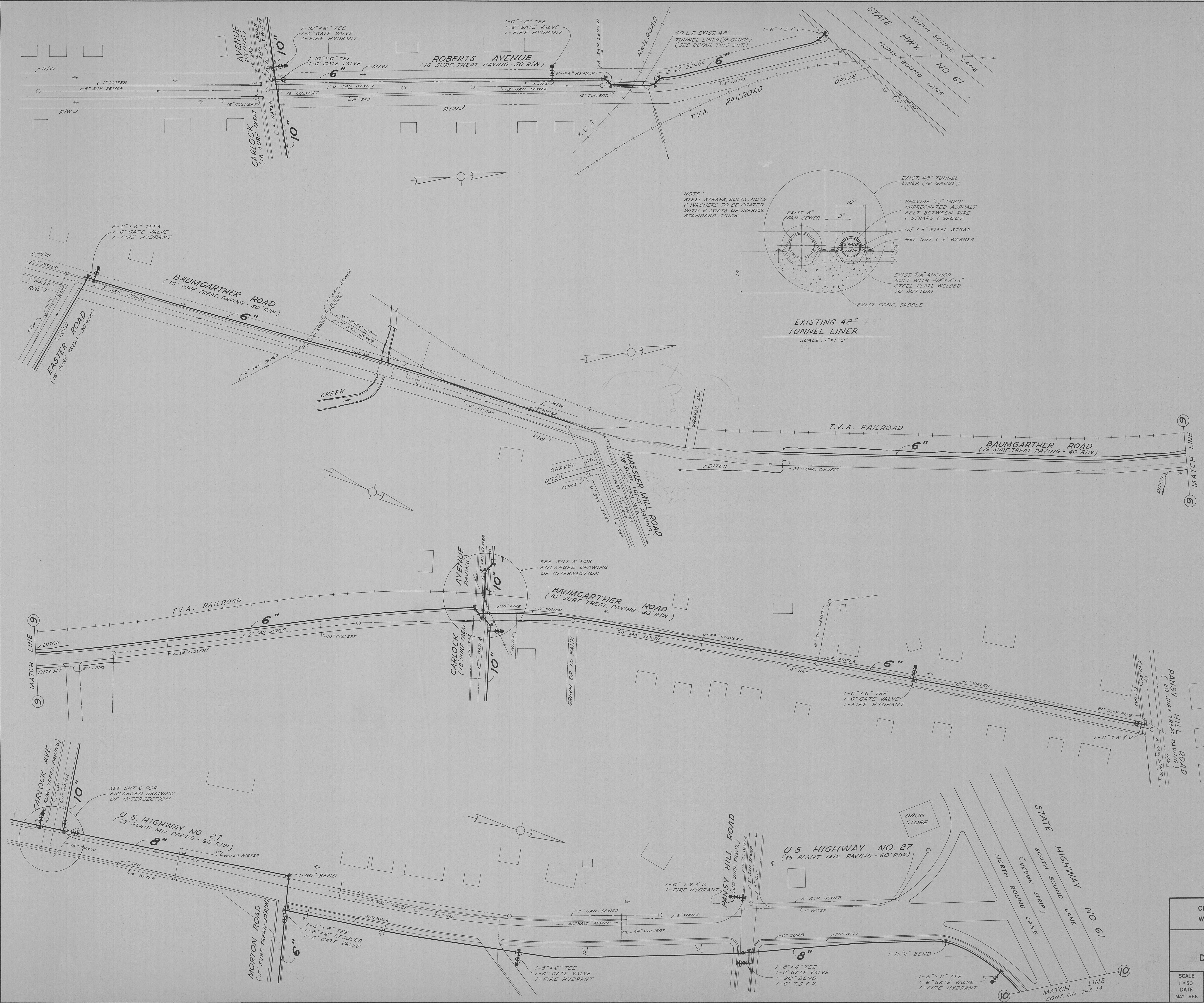
DIVISION TWO
CITY OF HARRIMAN, TENNESSEE
WATER SYSTEM IMPROVEMENTS

VENNAL ROAD
100,000 GALLON ELEVATED
TANK FOUNDATIONS

SCALE
AS SHOWN
DATE
MAY, 1966

WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA
GEORGIA

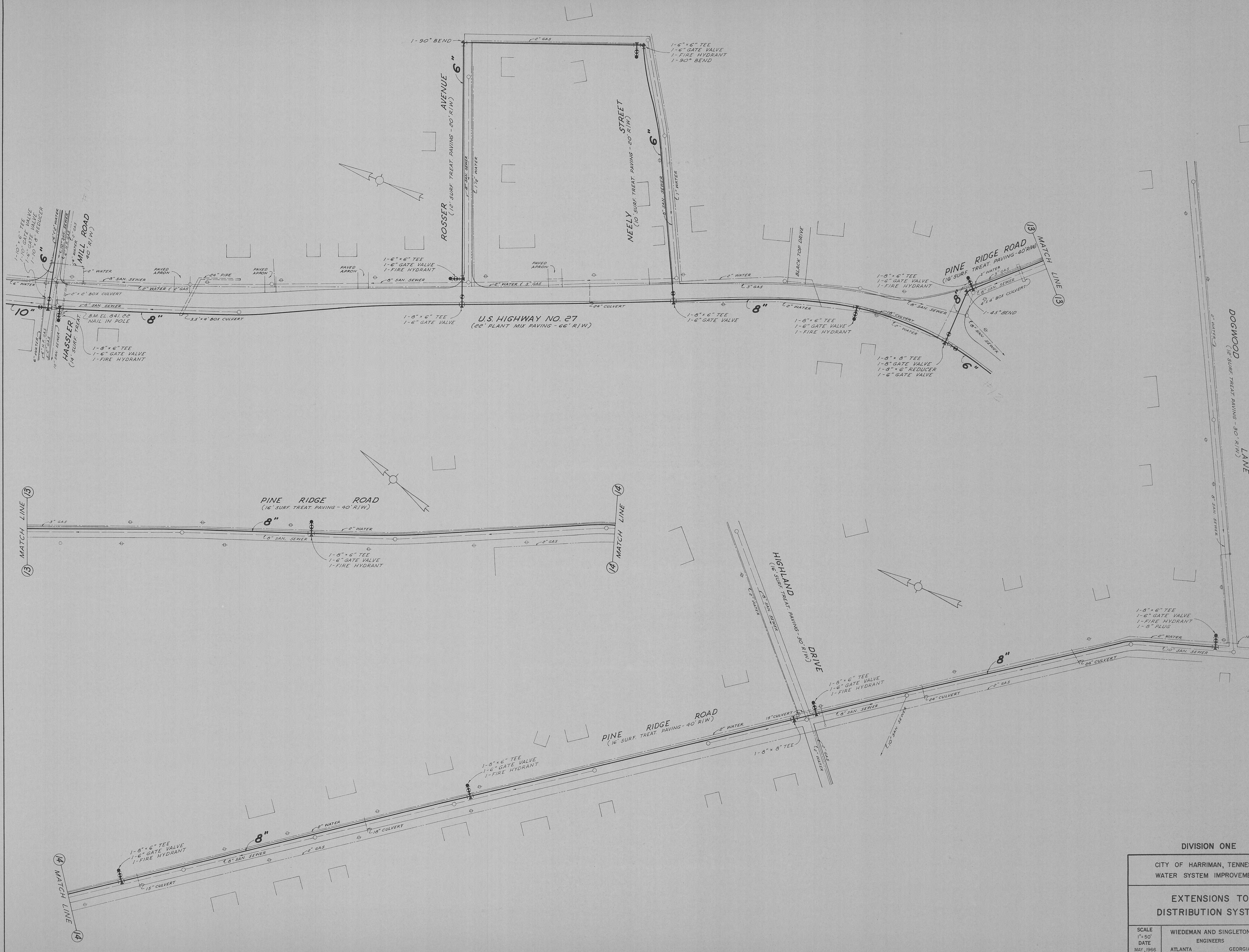
SHEET
5
OF

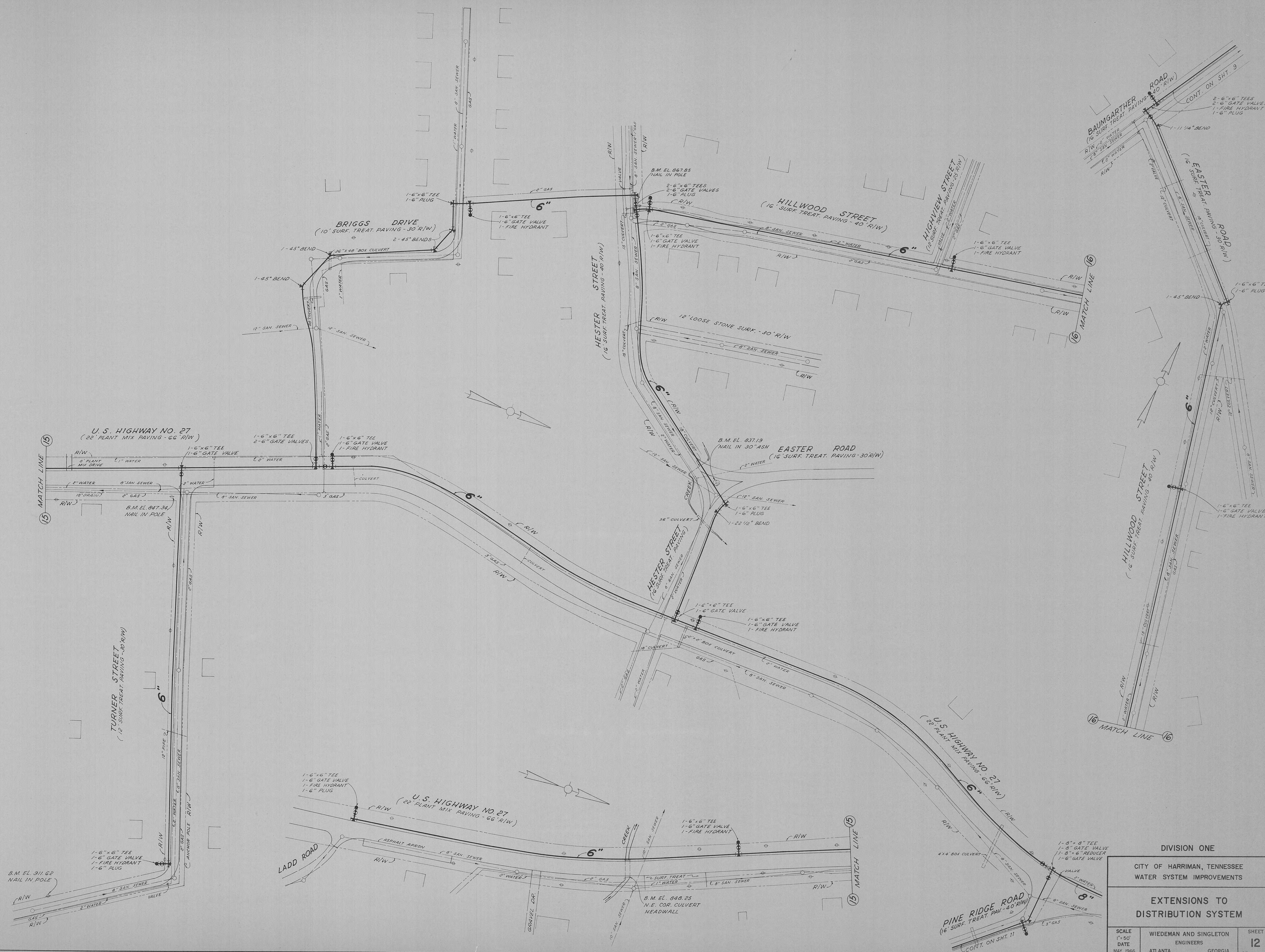


DIVISION ONE		
CITY OF HARRIMAN, TENNESSEE		
WATER SYSTEM IMPROVEMENTS		
EXTENSIONS TO DISTRIBUTION SYSTEM		
SCALE 1"=50'	WIEDEMAN AND SINGLETON ENGINEERS ATLANTA GEORGIA	SHEET 9 OF 23
DATE MAY, 1966		

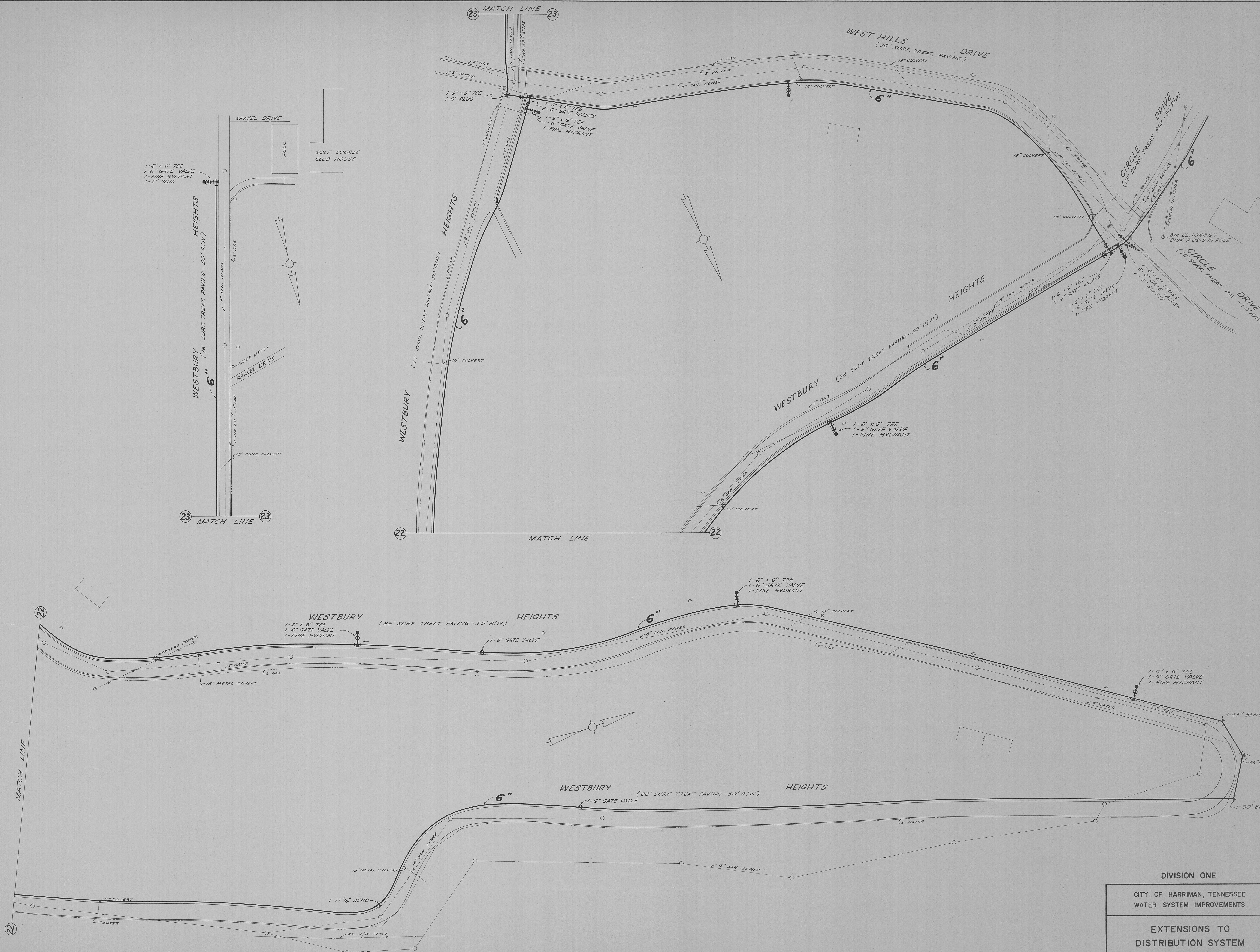


CITY OF HARRIMAN, TENNESSEE WATER SYSTEM IMPROVEMENTS		
EXTENSIONS TO DISTRIBUTION SYSTEM		
SCALE 1"=50'	WIEDEMAN AND SINGLETON ENGINEERS	SHEET 10
DATE MAY, 1966	ATLANTA GEORGIA	OF 23



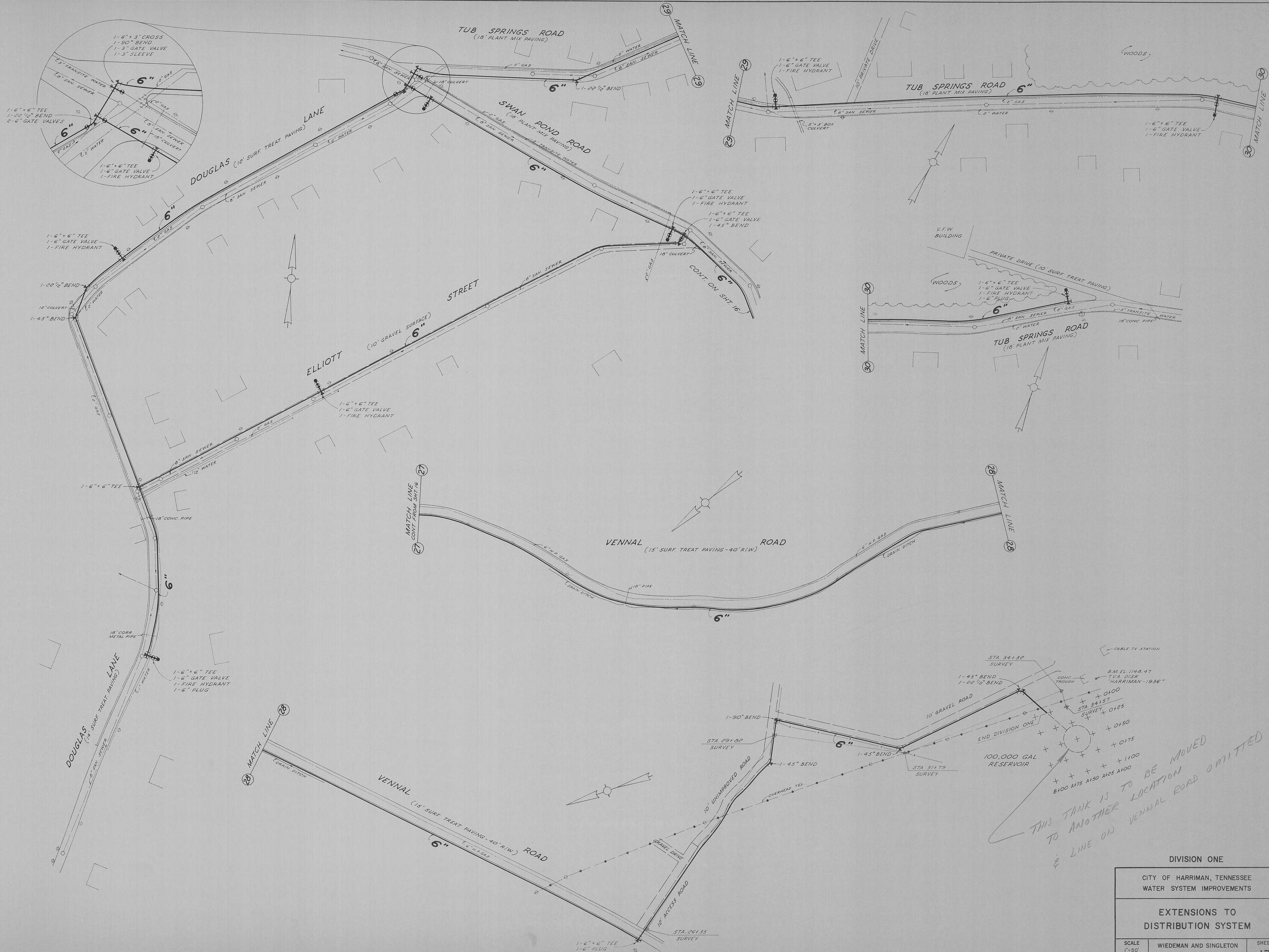


DIVISION ONE		
CITY OF HARRIMAN, TENNESSEE WATER SYSTEM IMPROVEMENTS		
EXTENSIONS TO DISTRIBUTION SYSTEM		
SCALE 1" = 50'	WIEDEMAN AND SINGLETON ENGINEERS	SHEET 12
DATE MAY, 1966	ATLANTA GEORGIA	OF 23



DIVISION ONE		
CITY OF HARRIMAN, TENNESSEE WATER SYSTEM IMPROVEMENTS		
EXTENSIONS TO DISTRIBUTION SYSTEM		
SCALE 1"=50' DATE MAY, 1966	WIEDEMAN AND SINGLETON ENGINEERS ATLANTA GEORGIA	SHEET 15 OF





DIVISION ONE		
CITY OF HARRIMAN, TENNESSEE		
WATER SYSTEM IMPROVEMENTS		
EXTENSIONS TO DISTRIBUTION SYSTEM		
SCALE 1"=50'	WIEDEMAN AND SINGLETON ENGINEERS ATLANTA GEORGIA	SHEET 17 OF 23
DATE MAY, 1966		



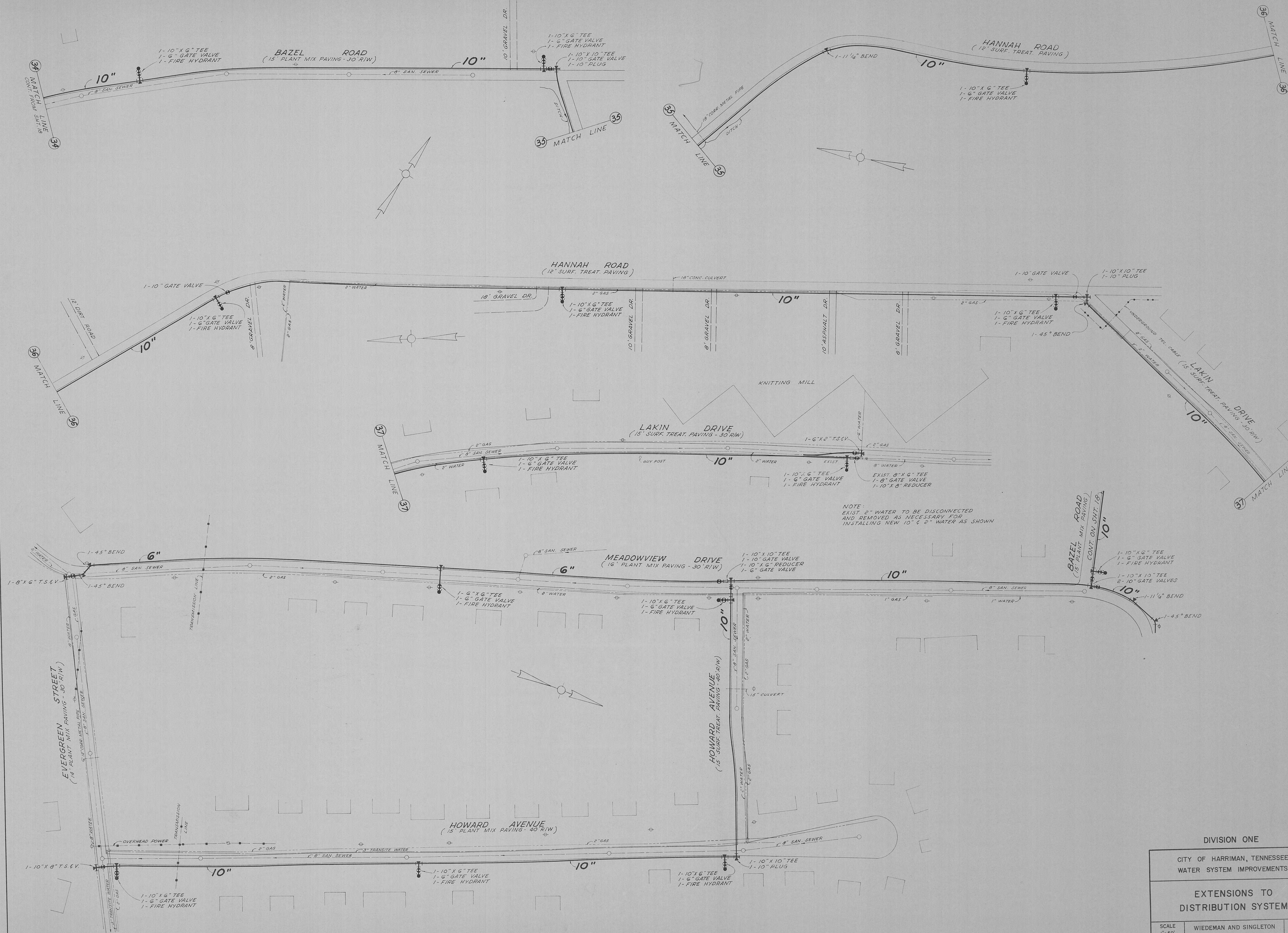
Div. Two - Tank Foundations
 & Booster Stations
 + 5 Sheets

DIVISION ONE

CITY OF HARRIMAN, TENNESSEE
WATER SYSTEM IMPROVEMENT

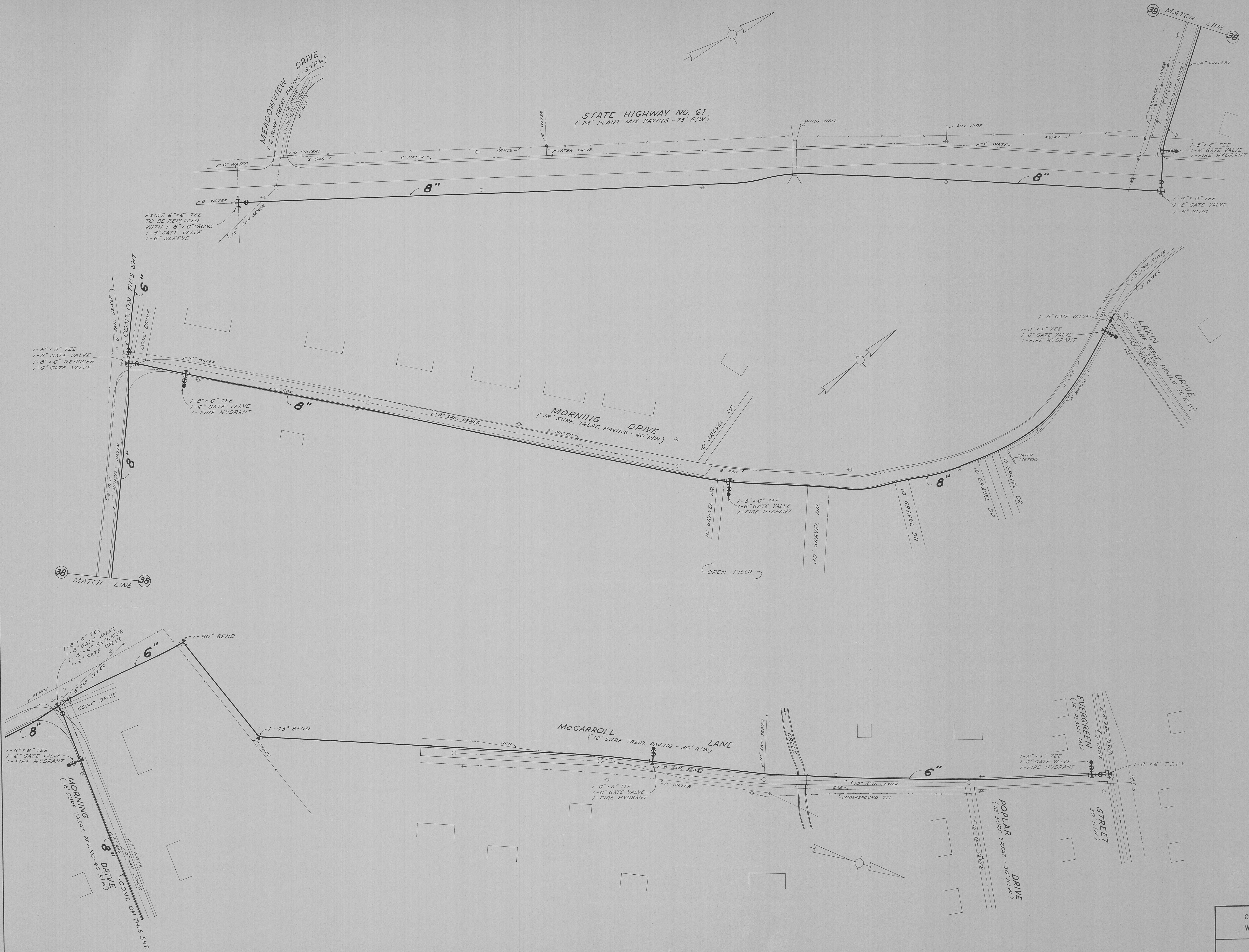
LOCATION MAP

SCALE 1" = 800'	WIEDEMAN AND SINGLETON ENGINEERS
DATE MAY, 1966	ATLANTA GEORGIA

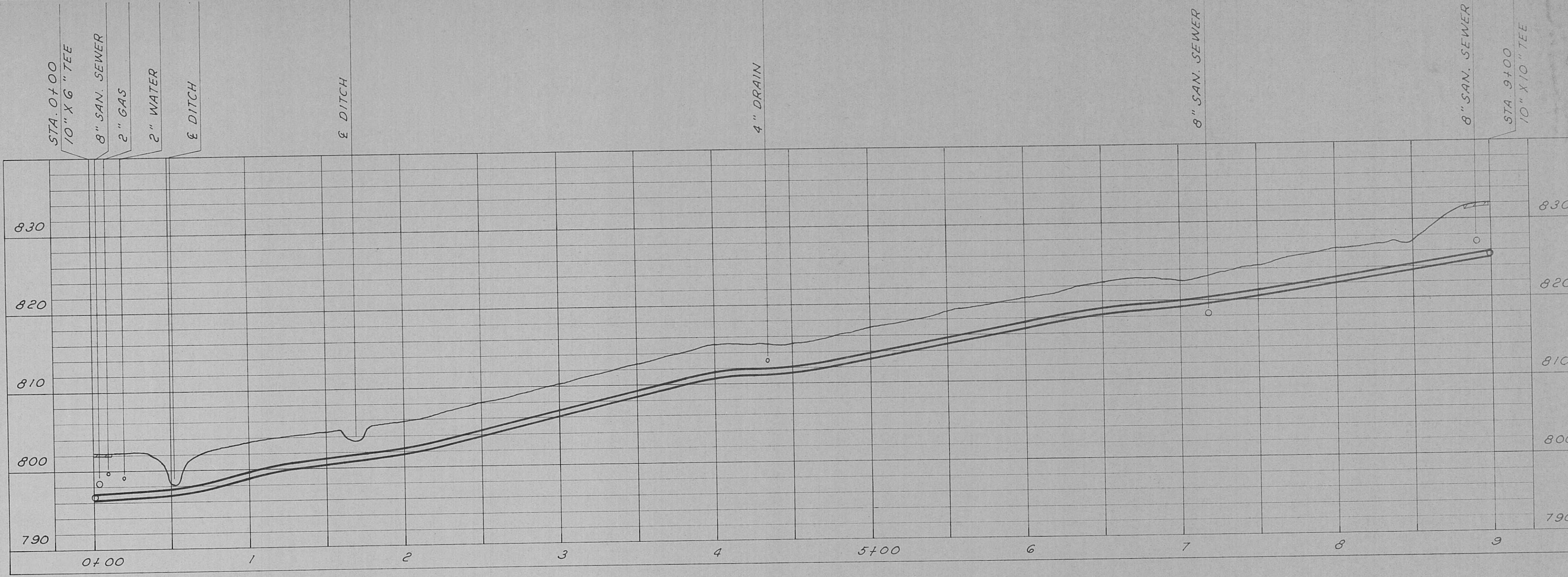


DIVISION ONE			
CITY OF HARRIMAN, TENNESSEE			
WATER SYSTEM IMPROVEMENTS			
EXTENSIONS TO DISTRIBUTION SYSTEM			
SCALE 1" = 50'	WIEDEMAN AND SINGLETON ENGINEERS		
DATE MAY, 1966	ATLANTA	GEORGIA	OF

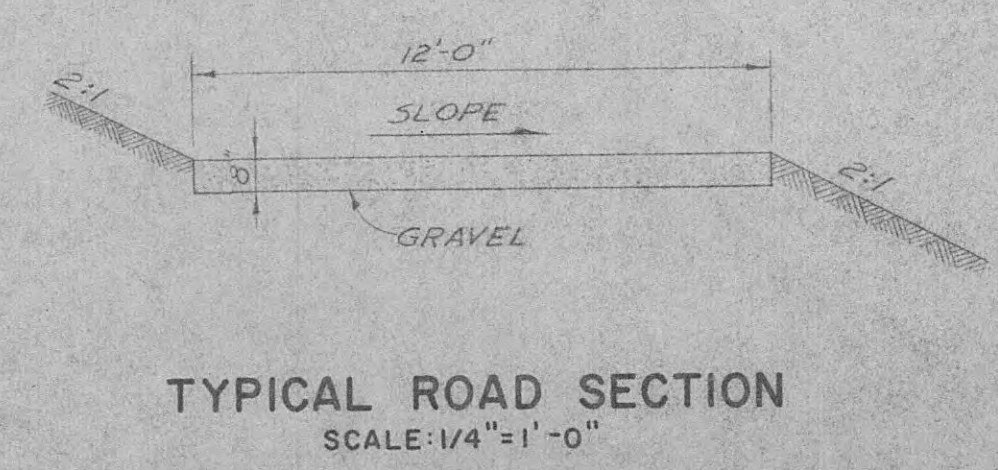
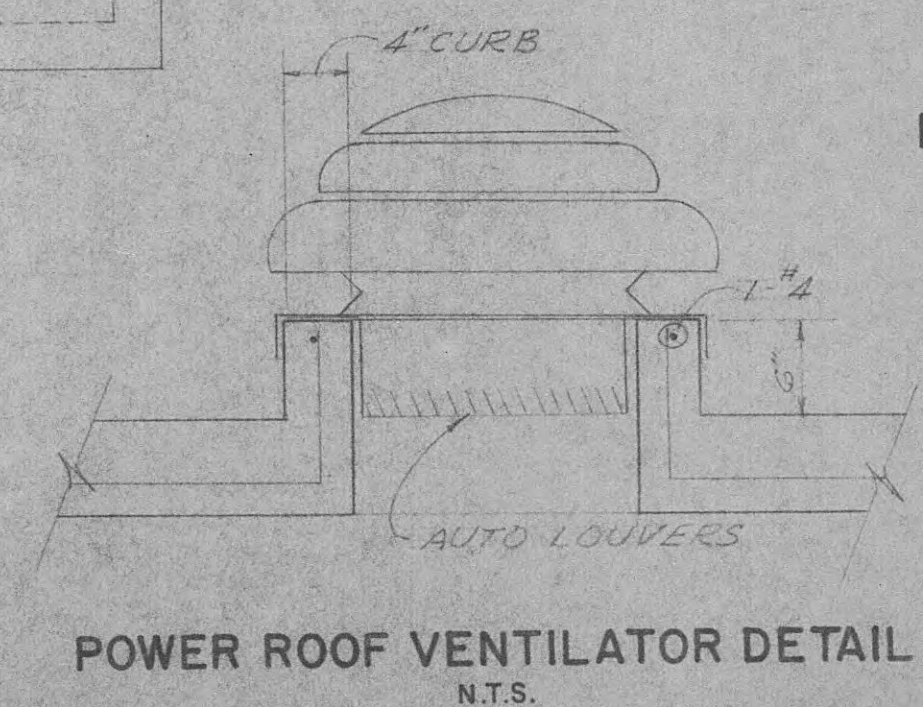
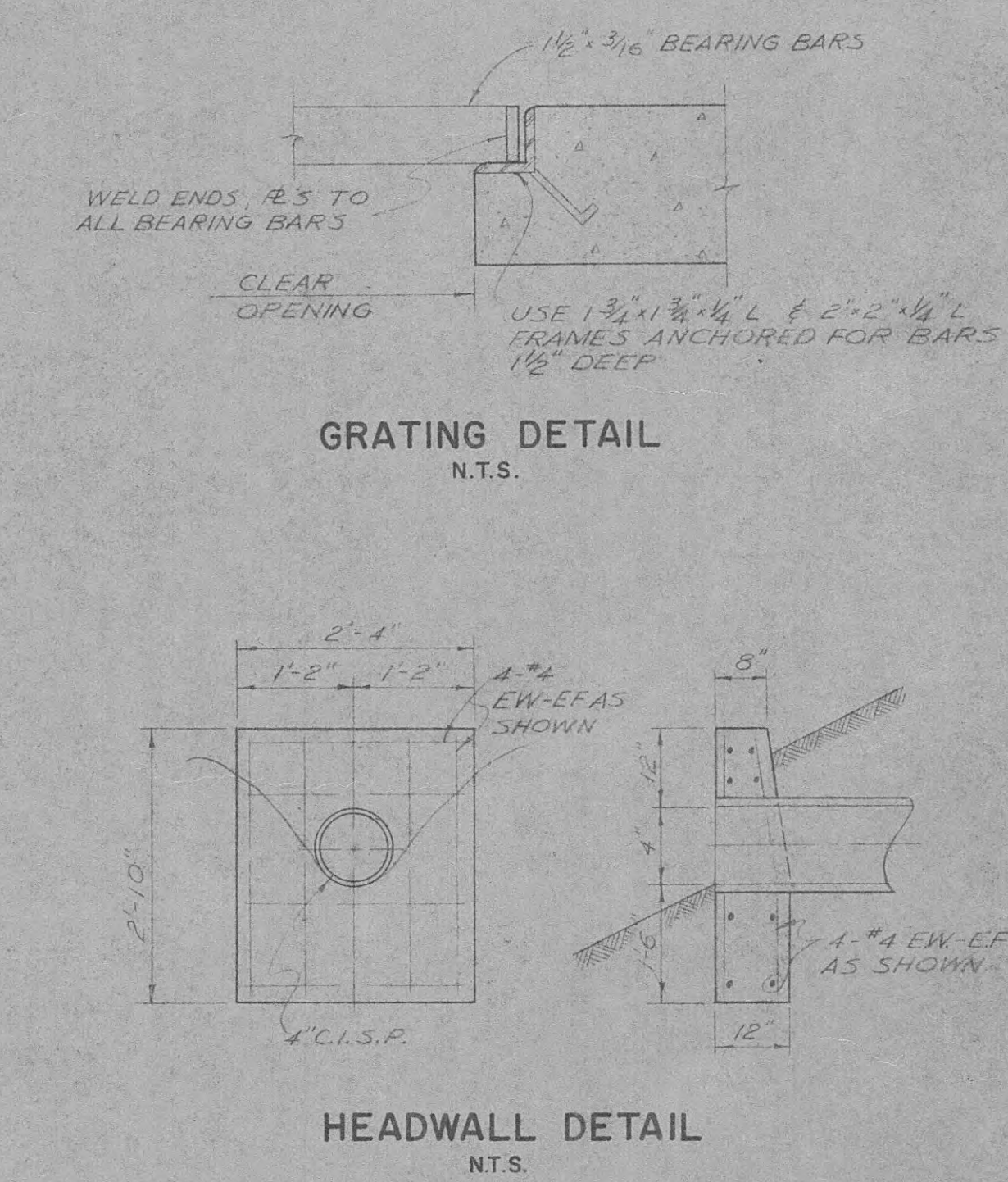
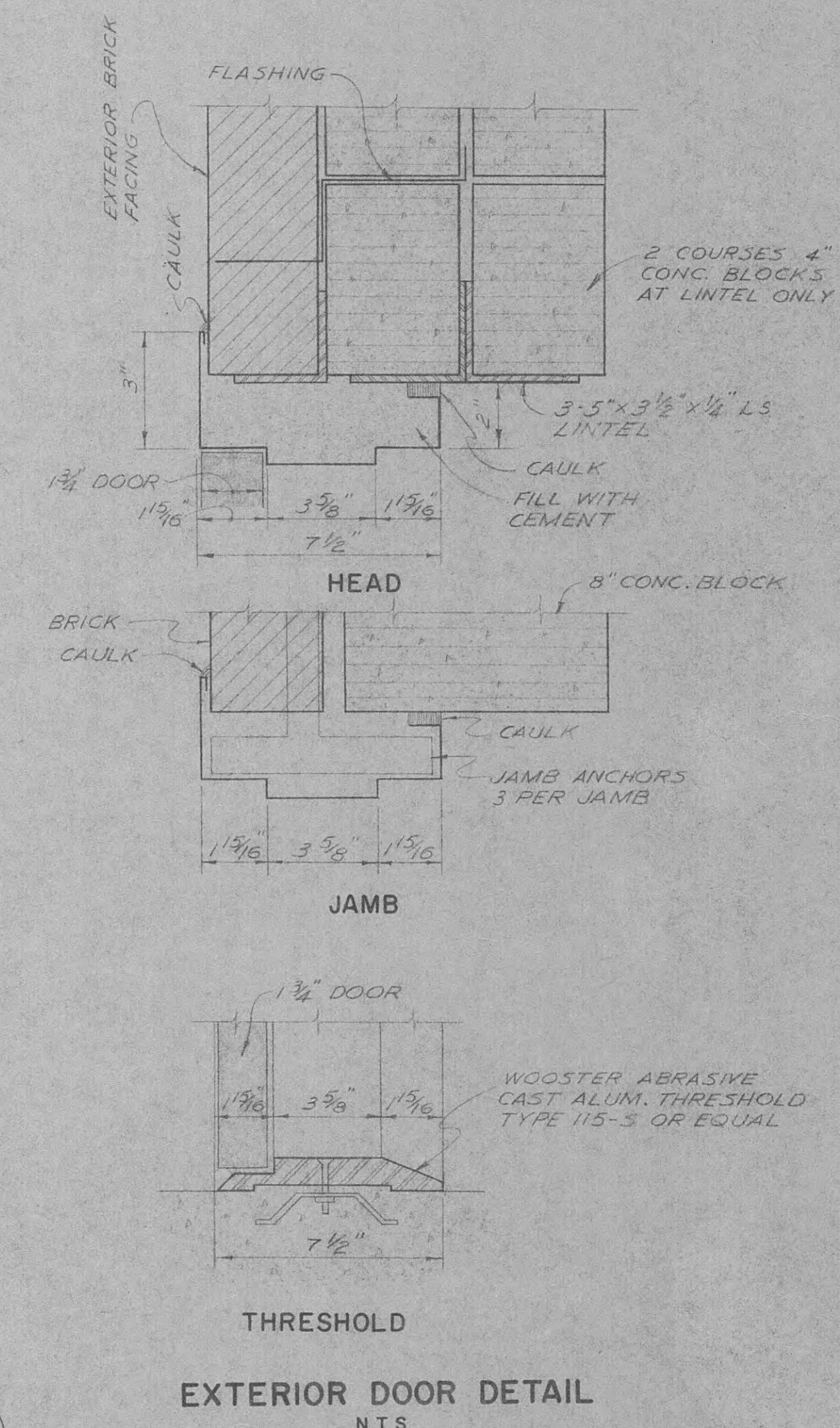
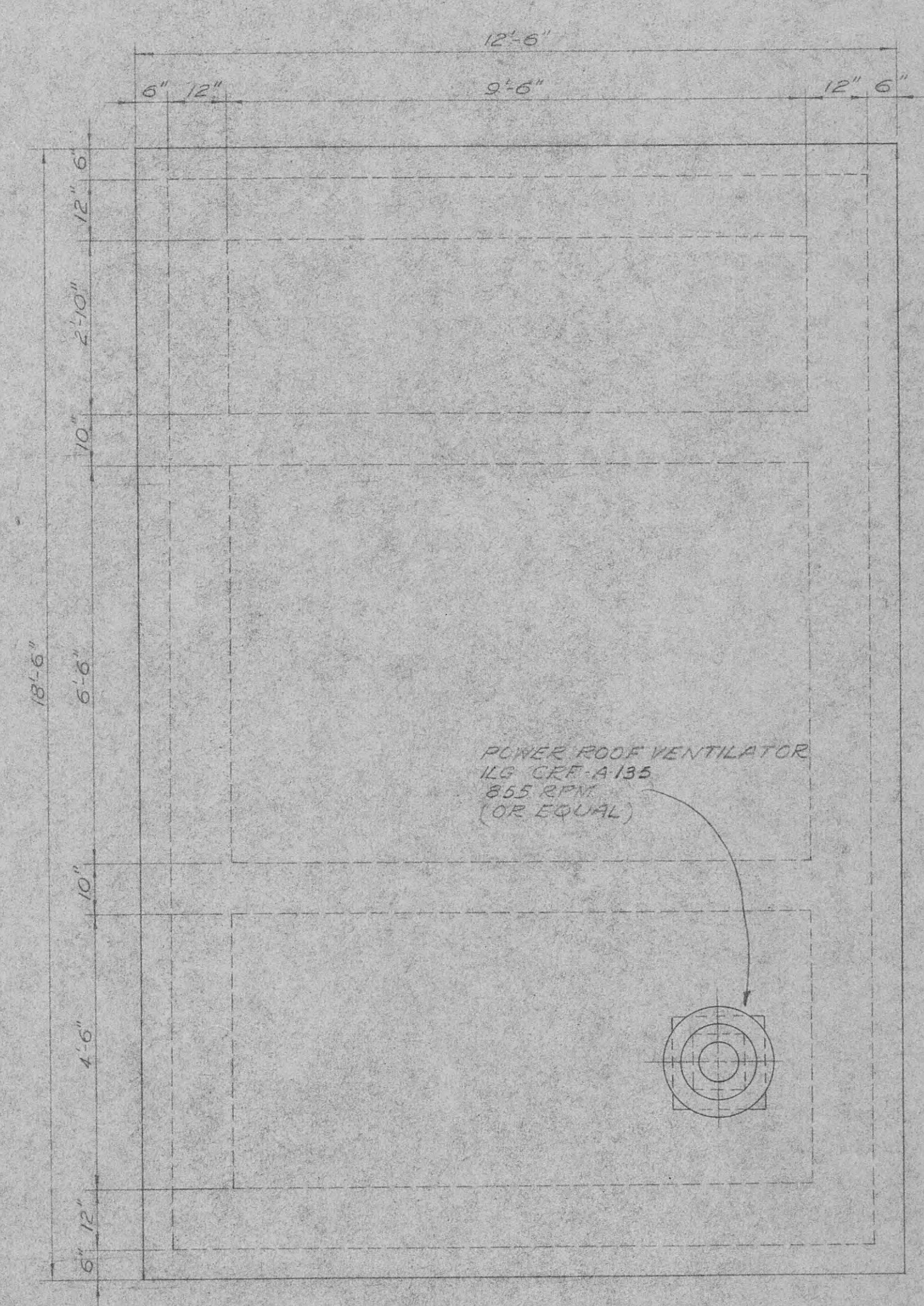
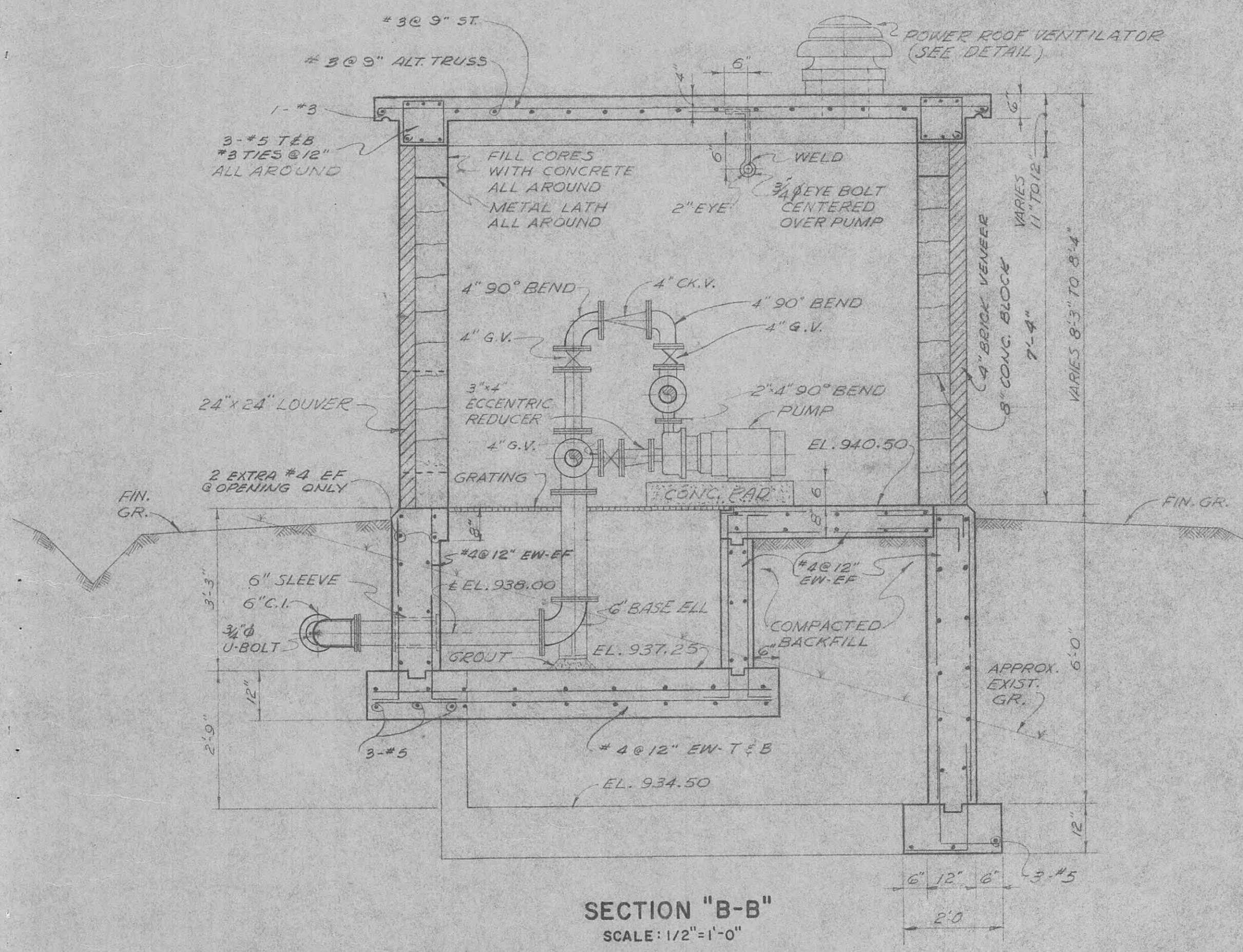
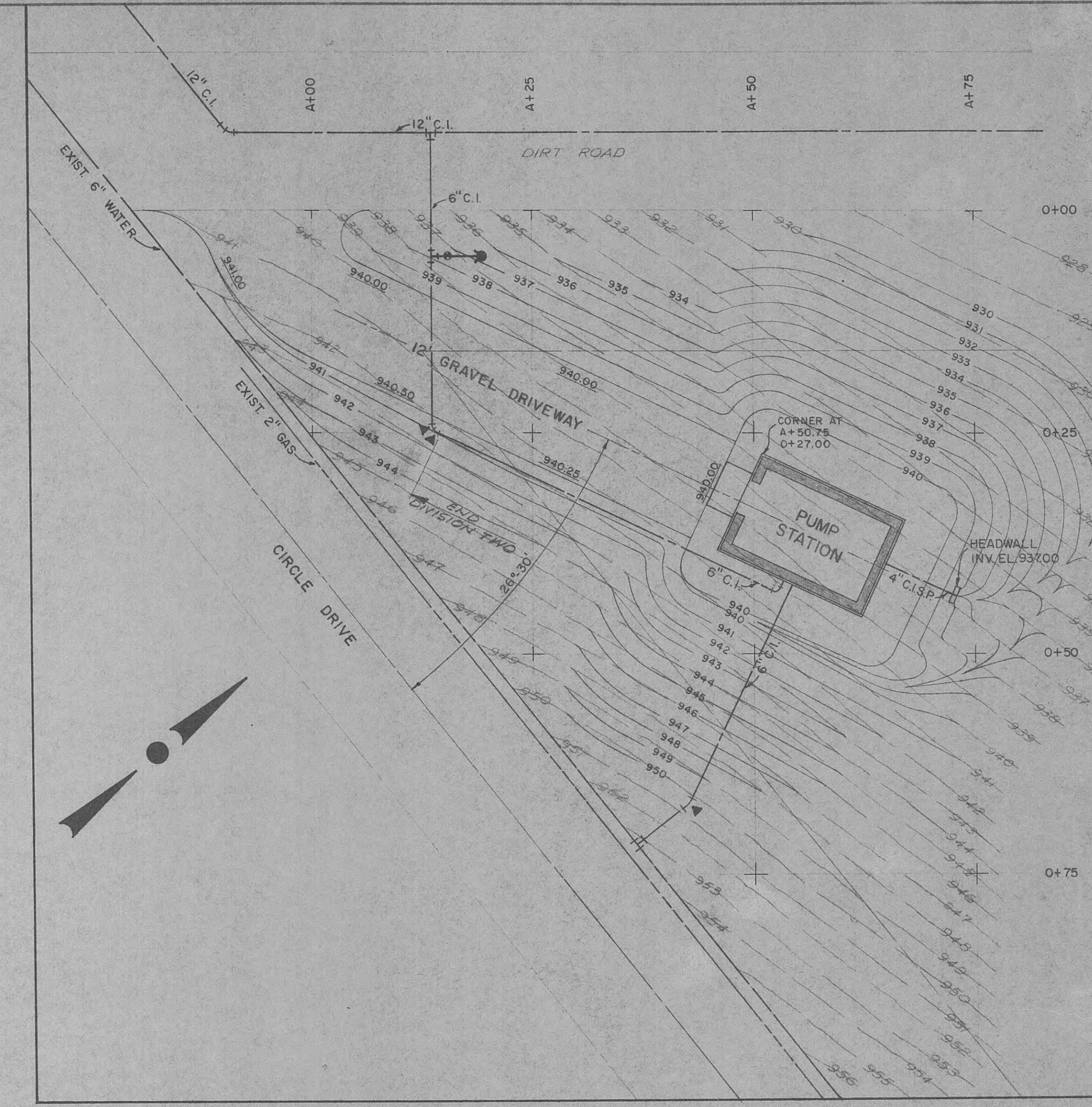
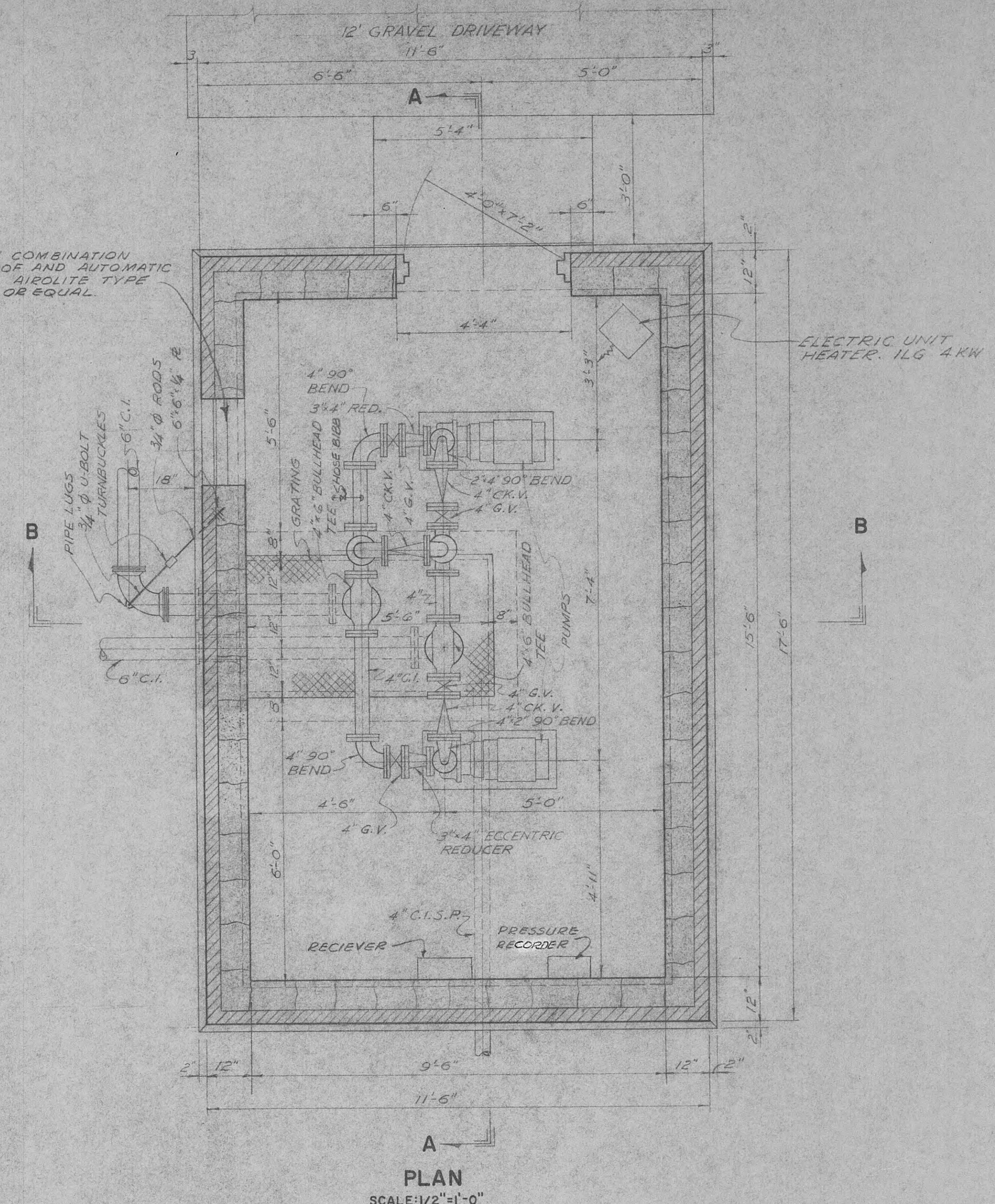
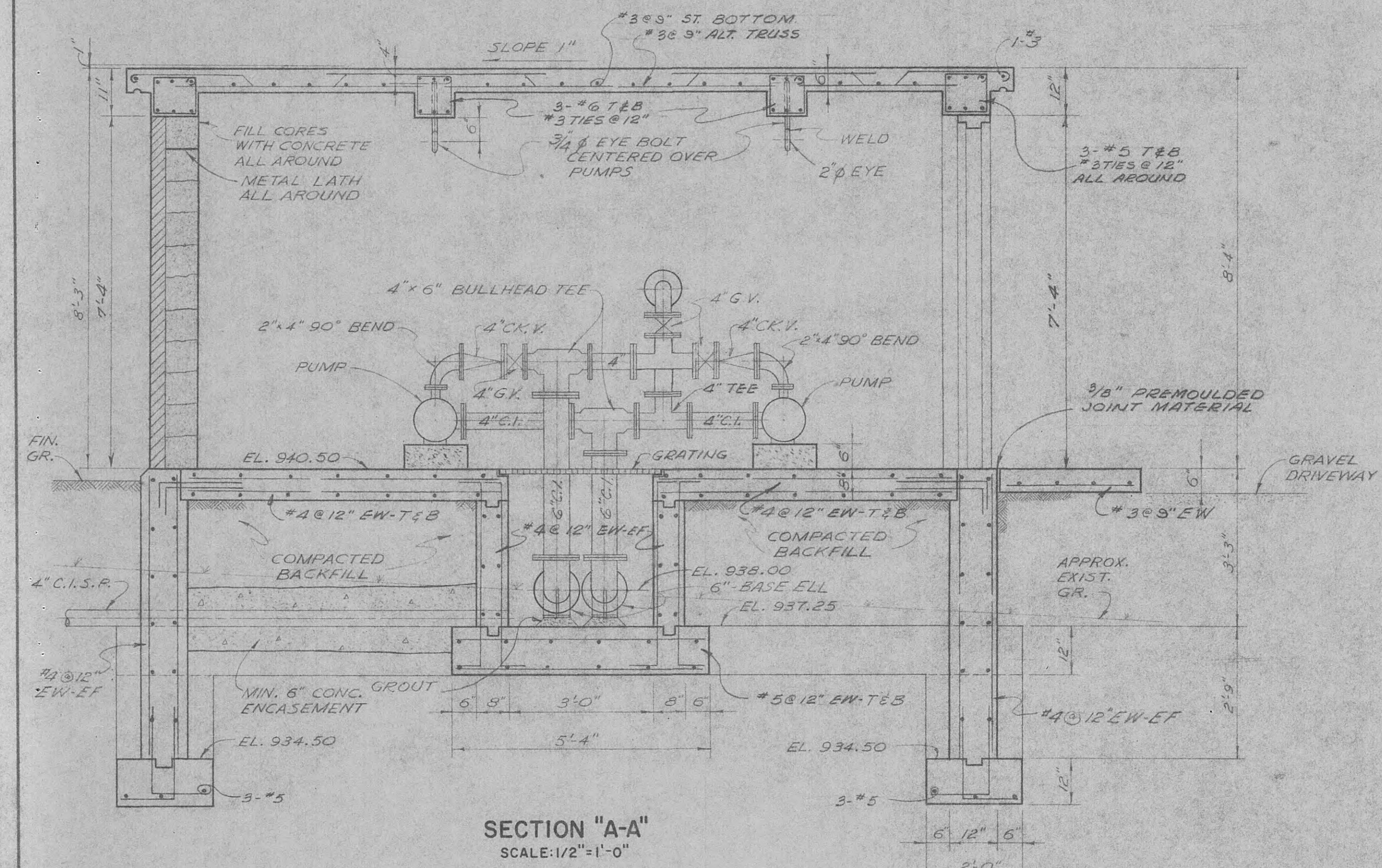




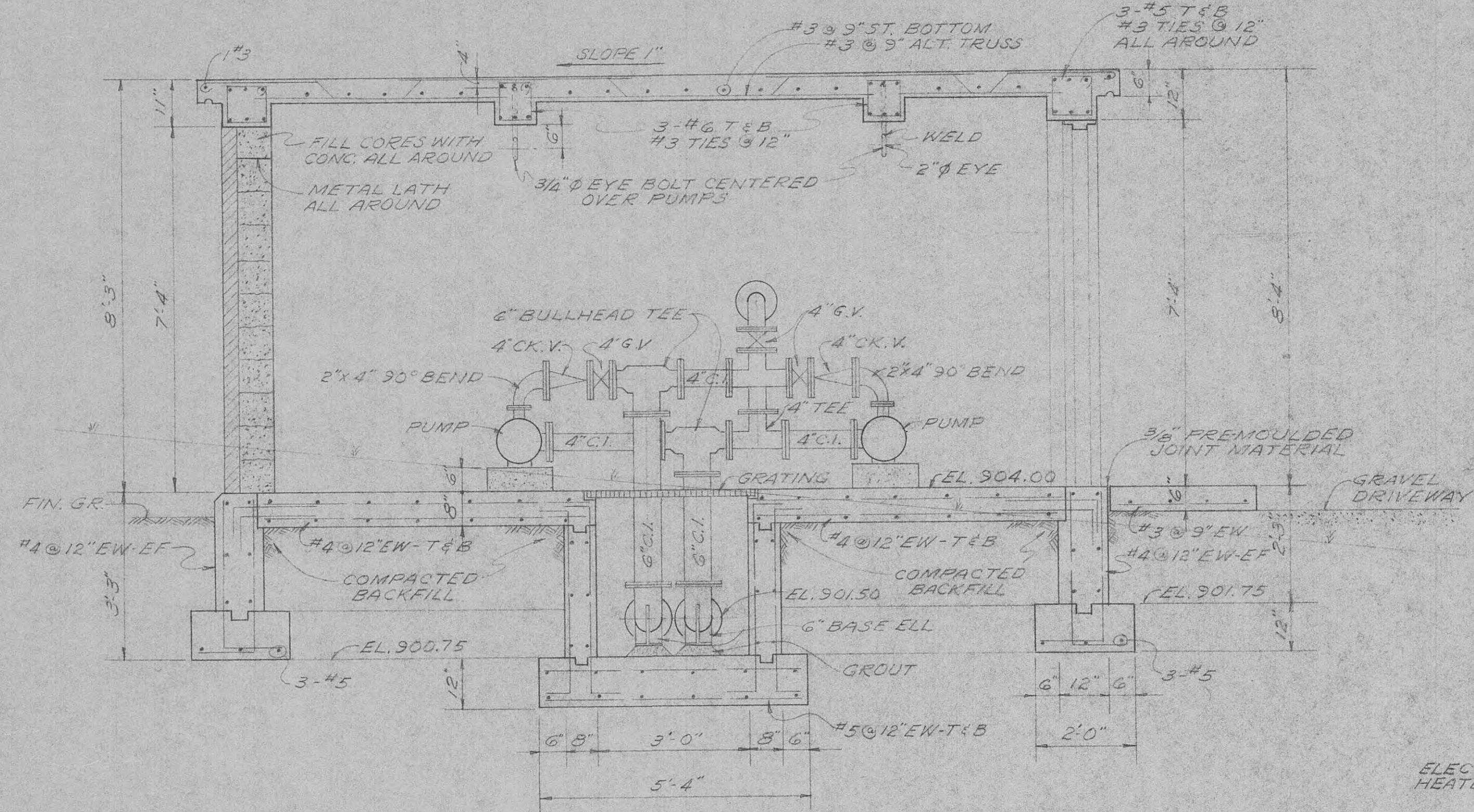
DIVISION ONE		
CITY OF HARRIMAN, TENNESSEE		
WATER SYSTEM IMPROVEMENTS		
EXTENSIONS TO DISTRIBUTION SYSTEM		
SCALE 1" = 50'	WIEDEMAN AND SINGLETON ENGINEERS	SHEET 21
DATE MAY, 1966		
	ATLANTA	GEORGIA



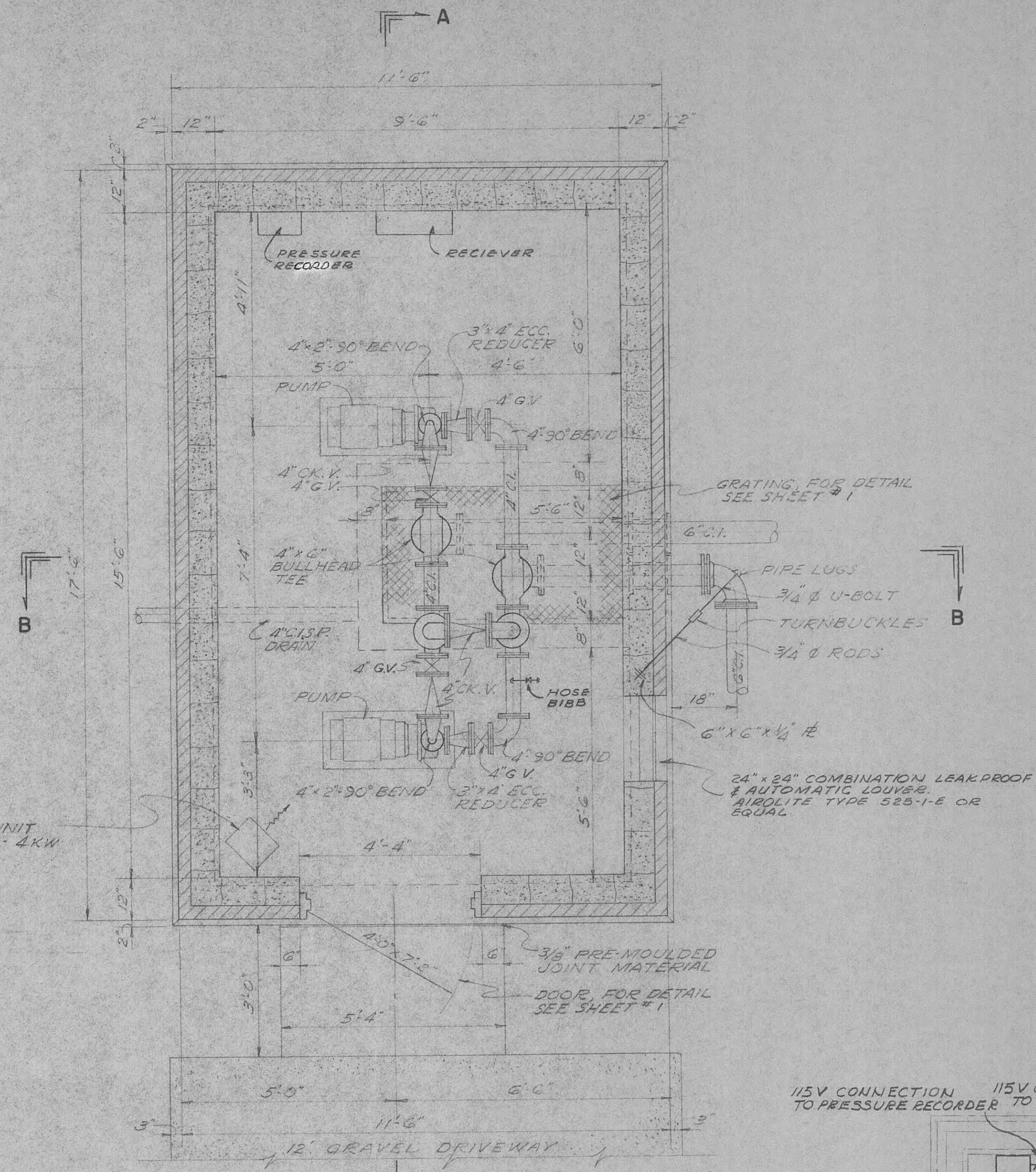
PROFILE
 10" WATER MAIN FROM INTERSECTION
 OF MORNING DRIVE AND VANN DRIVE
 CROSS COUNTRY TO BAZEL ROAD
 STA. 0+00 TO STA. 9+00



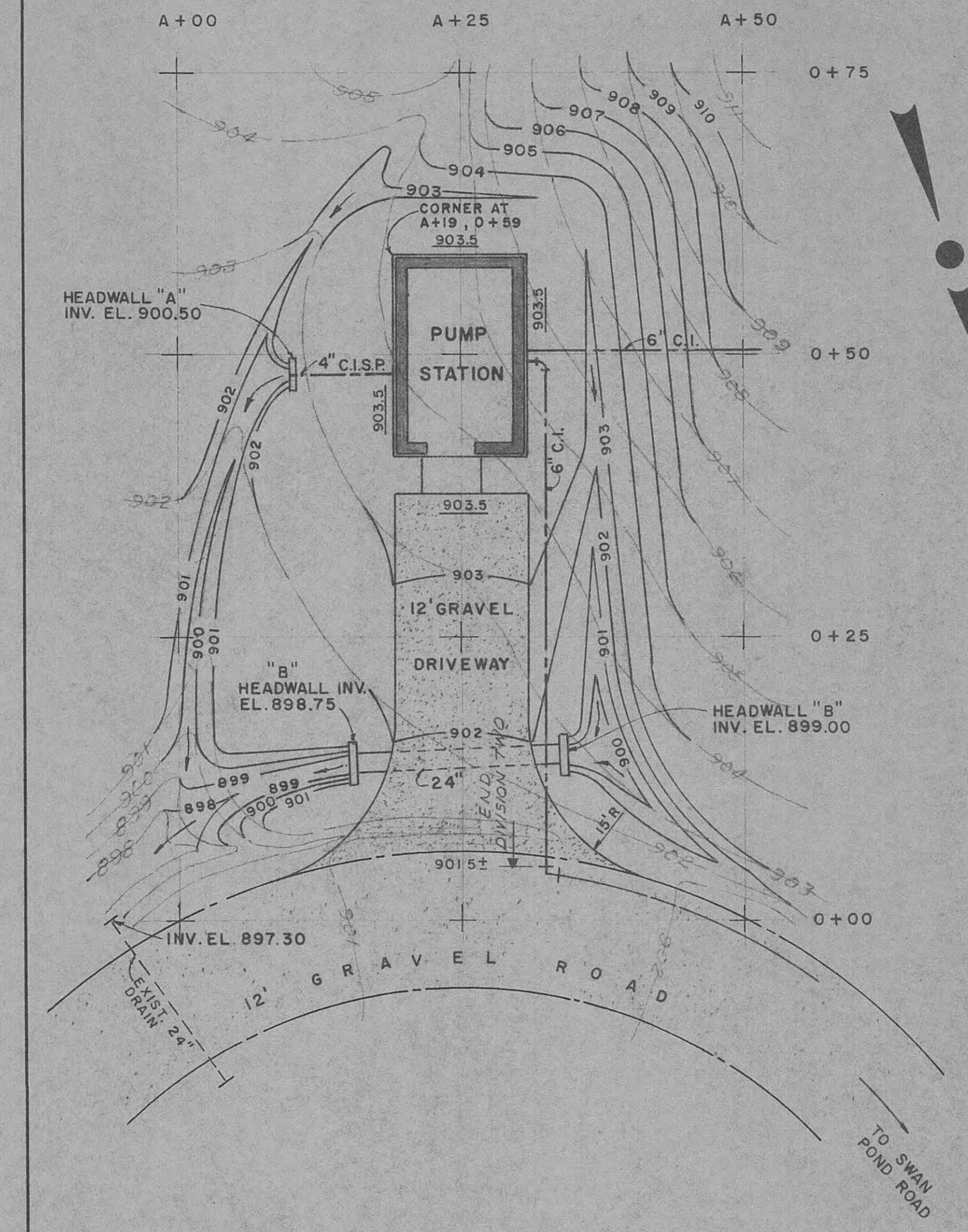
DIVISION TWO		
CITY OF HARRIMAN, TENNESSEE		
WATER SYSTEM IMPROVEMENTS		
CIRCLE DRIVE BOOSTER PUMPING STATION		
SCALE AS SHOWN	WIEDEMAN AND SINGLETON ENGINEERS	SHEET 1 OF 1
DATE MAY, 1966	ATLANTA GEORGIA	



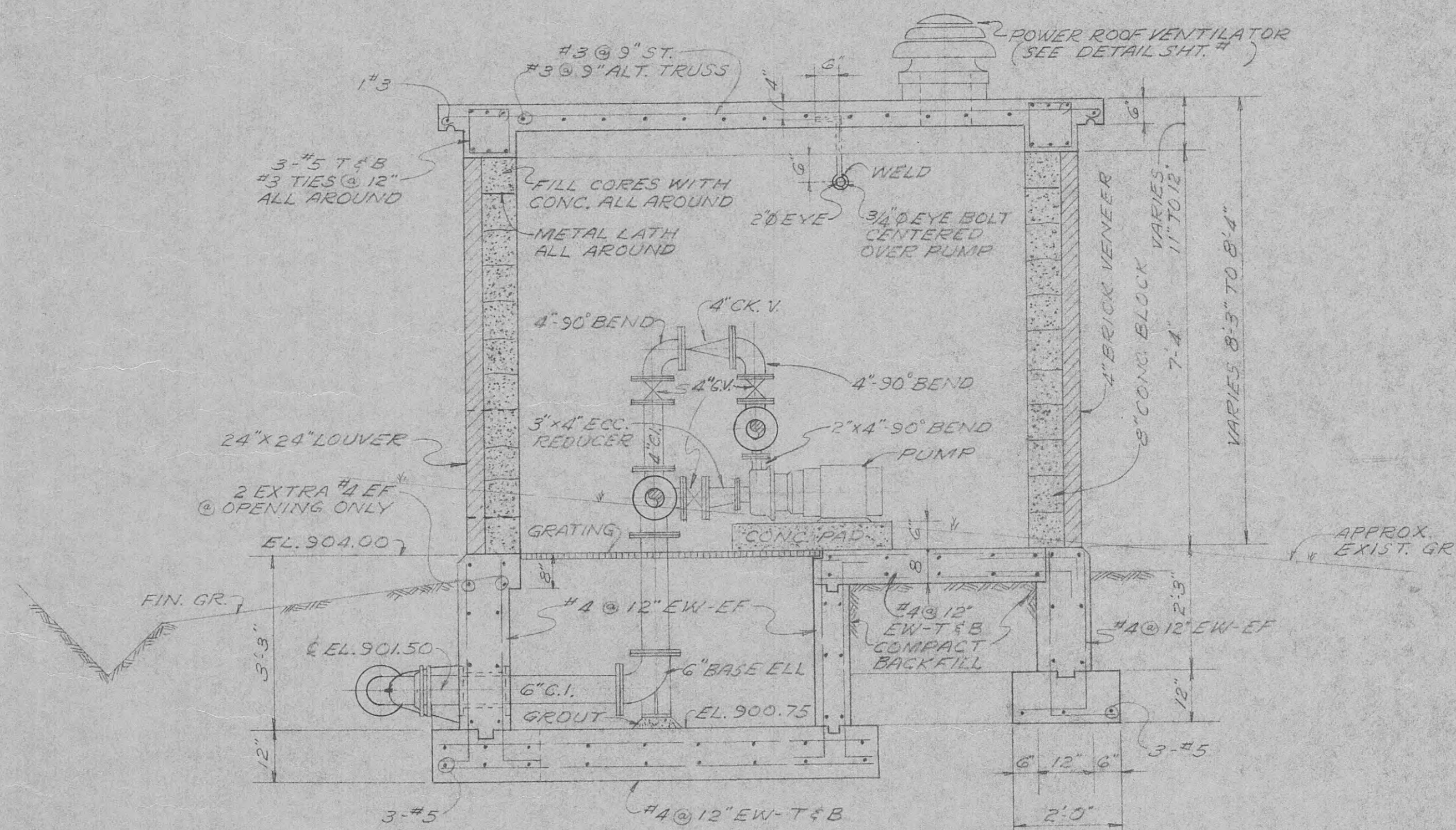
SECTION "A-A"
SCALE: 1/2"=1'-0"



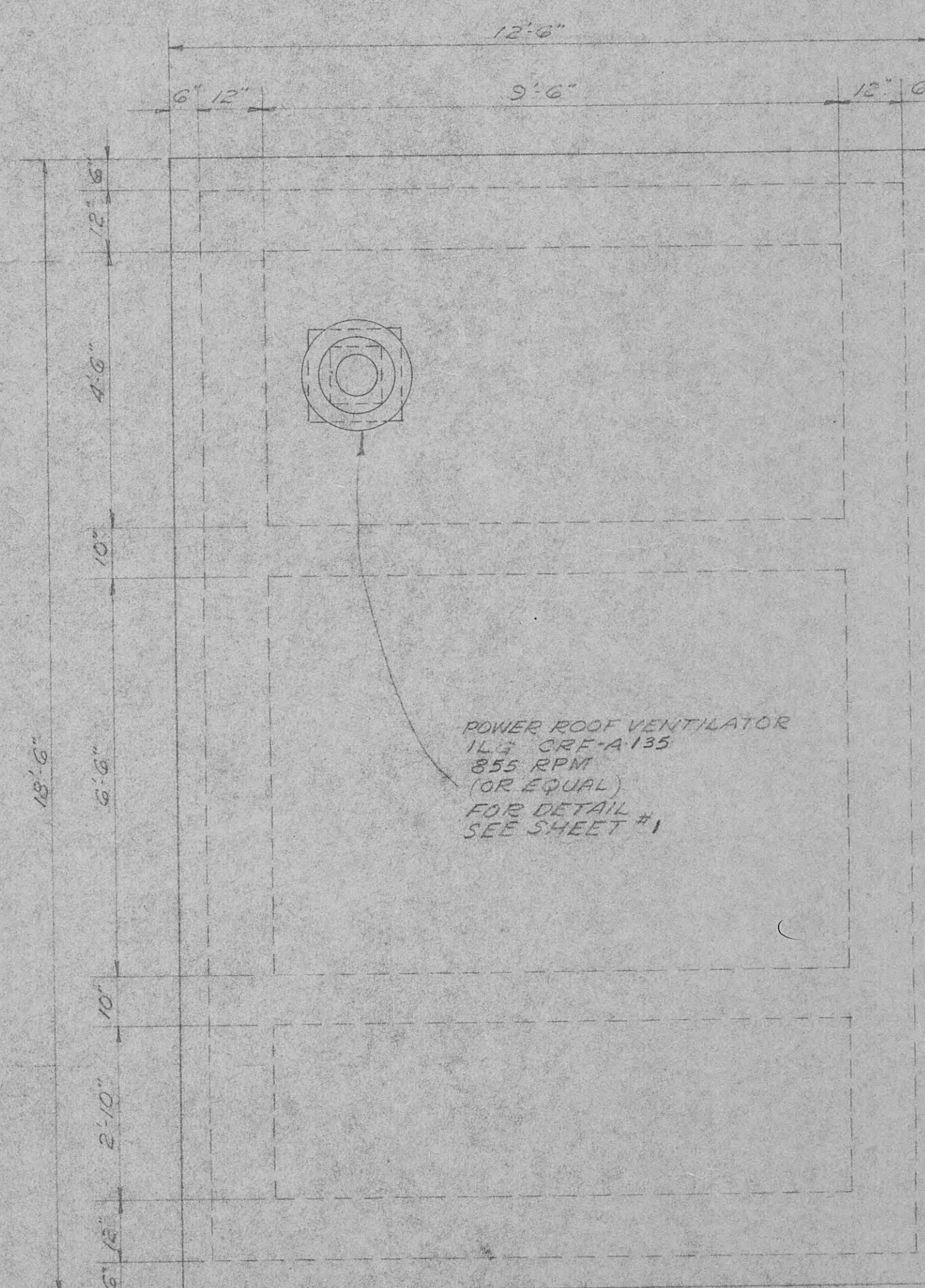
PLAN
SCALE: 1/2"=1'-0"



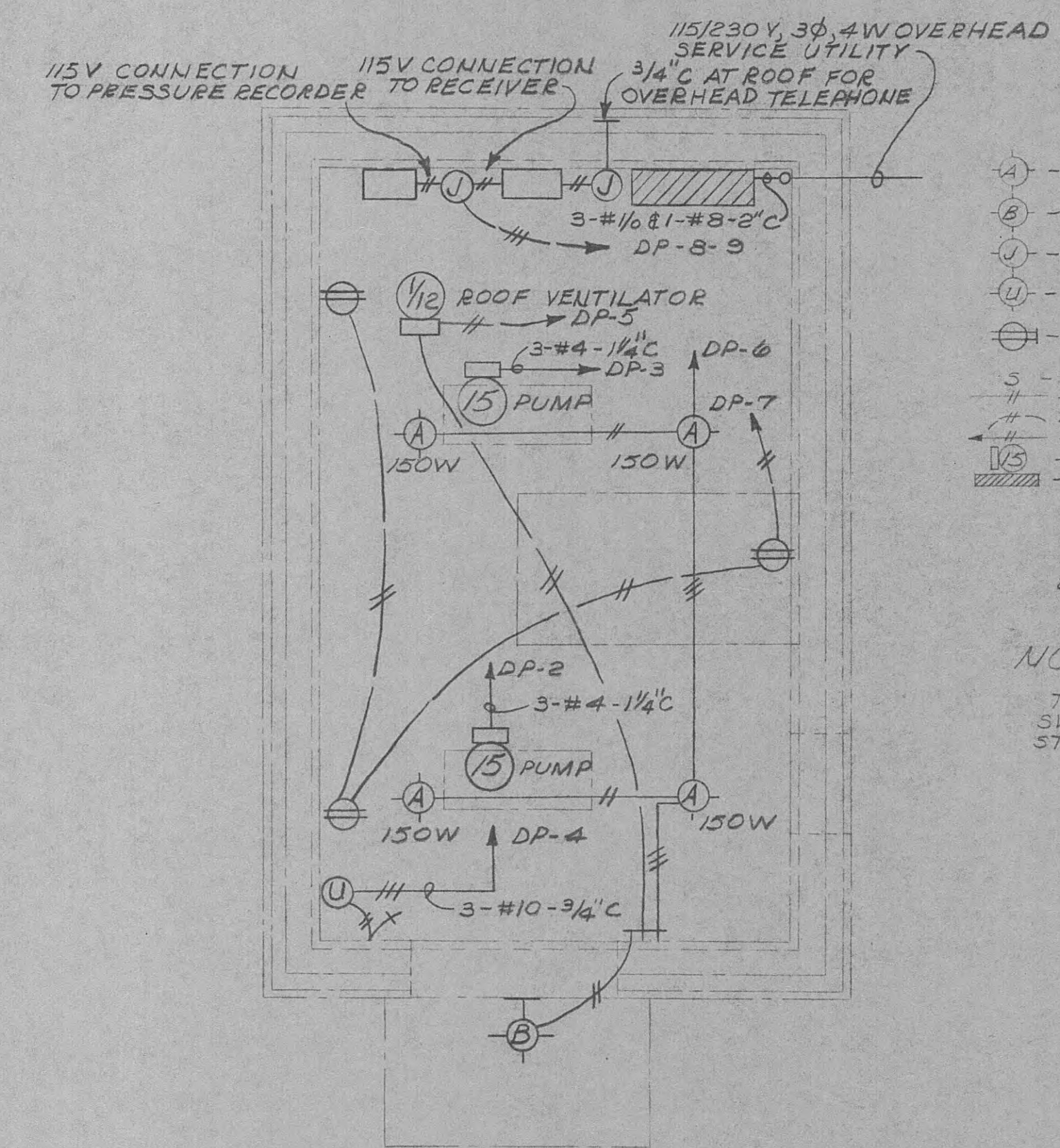
GENERAL LAYOUT
SCALE: 1"=10'



SECTION "B-B"
SCALE: 1/2"=1'-0"



ROOF PLAN
SCALE: 1/2"=1'-0"



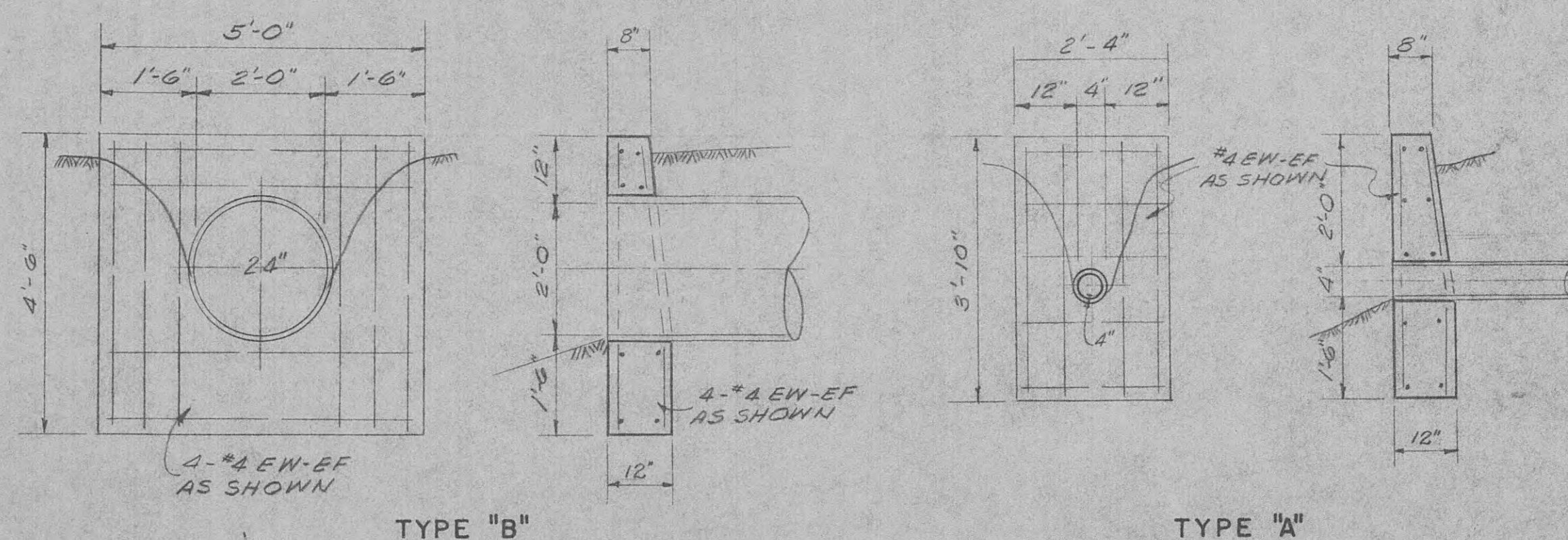
ELECTRICAL PLAN
SCALE: 3/8"=1'-0"

LEGEND

- ① - CEILING INCANDESCENT, CURTIS-ELECTRO #25514, 150W
- ② - VAPORLIGHT INCANDESCENT, CROUSE-HINDS # VV H8 15
- ③ - OUTLET BOX USED AS JUNCTION BOX
- ④ - 4 KW UNIT HEATER ILG 4613 & CONTROL ILG 7321
- ⑤ - DUPLEX RECEPTACLE, 4'-0" HUBBELL #5852
- ⑥ - SINGLE POLE SWITCH, 4'-0" HUBBELL #1201
- ⑦ - WIRING CONCEALED IN CONCRETE (RIGID)
- ⑧ - BRANCH CIRCUIT HOMERUN (TYPE BHW WIRE)
- ⑨ - MOTOR WITH TERMINAL COMBINATION SIZE AS NOTED
- ⑩ - PANEL DP MOTOR CONTROL CENTER, SET TYPE "PACU" OR EQUAL 115/230V, 30, 4W, NEMA-1, WITH CBS
- ⑪ - 1-30A-3P CB, 51N USE
- ⑫ - 1-30A-3P CB FOR UNIT HEATER
- ⑬ - 2-50A-3P COMBINATION PUMP STARTERS WITH H-O-A SWITCHES & RED RUN LIGHT

NOTE ON OPERATION

TELEPHONE SIGNAL TO RECEIVER ACTUATES ON-OFF SWITCH IN RECEIVER ENERGIZING MAGNETIC MOTOR STARTING SWITCH FOR EACH PUMP SEPARATELY.

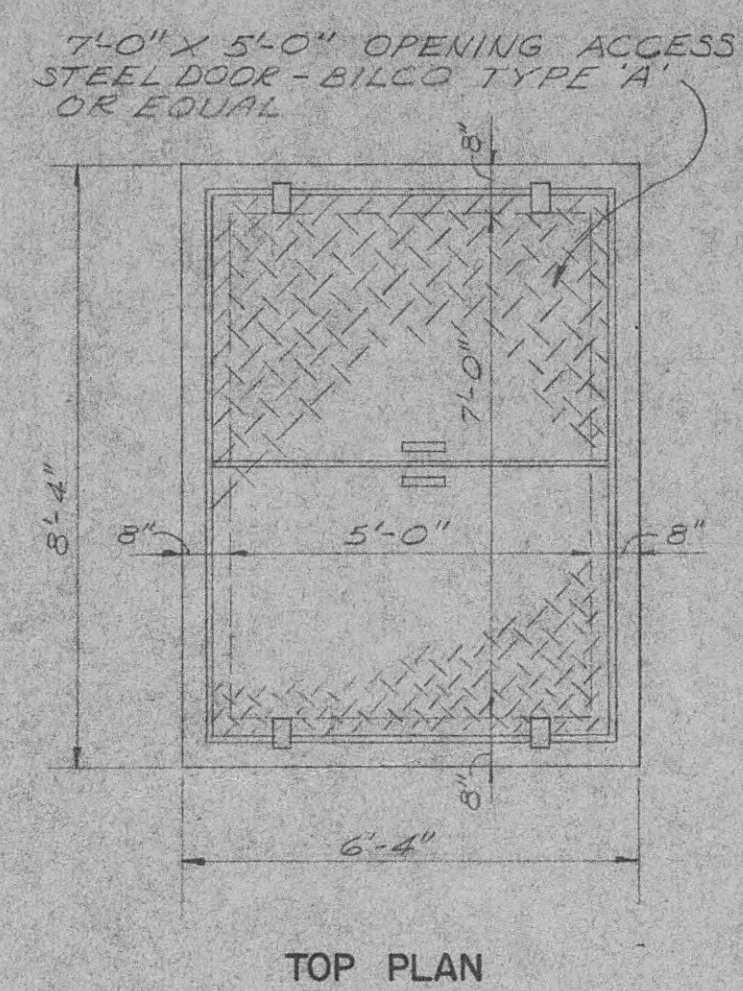


HEADWALL DETAIL
N.T.S.

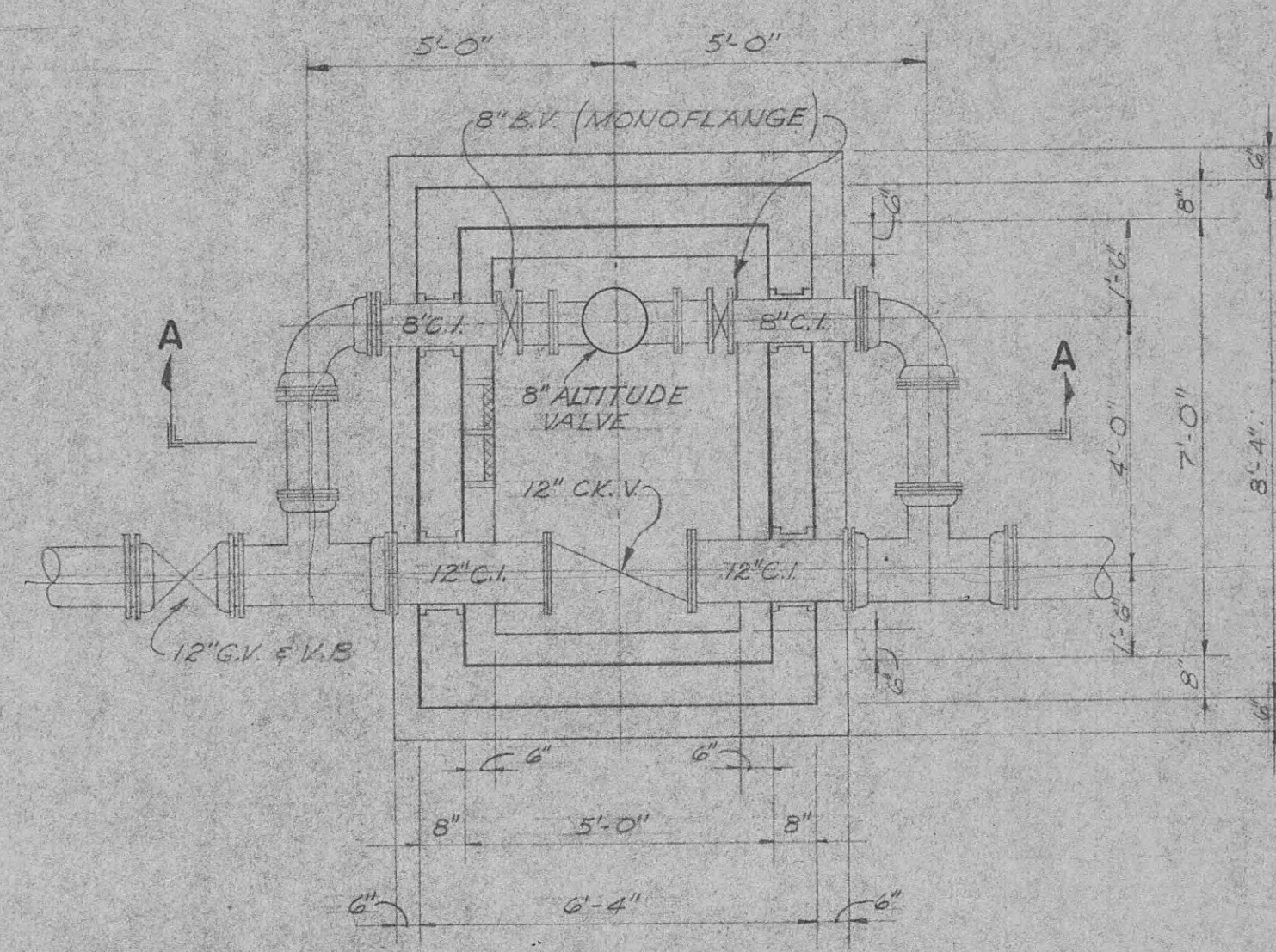
DIVISION TWO
CITY OF HARRIMAN, TENNESSEE
WATER SYSTEM IMPROVEMENTS

SWAN POND ROAD
BOOSTER PUMPING STATION

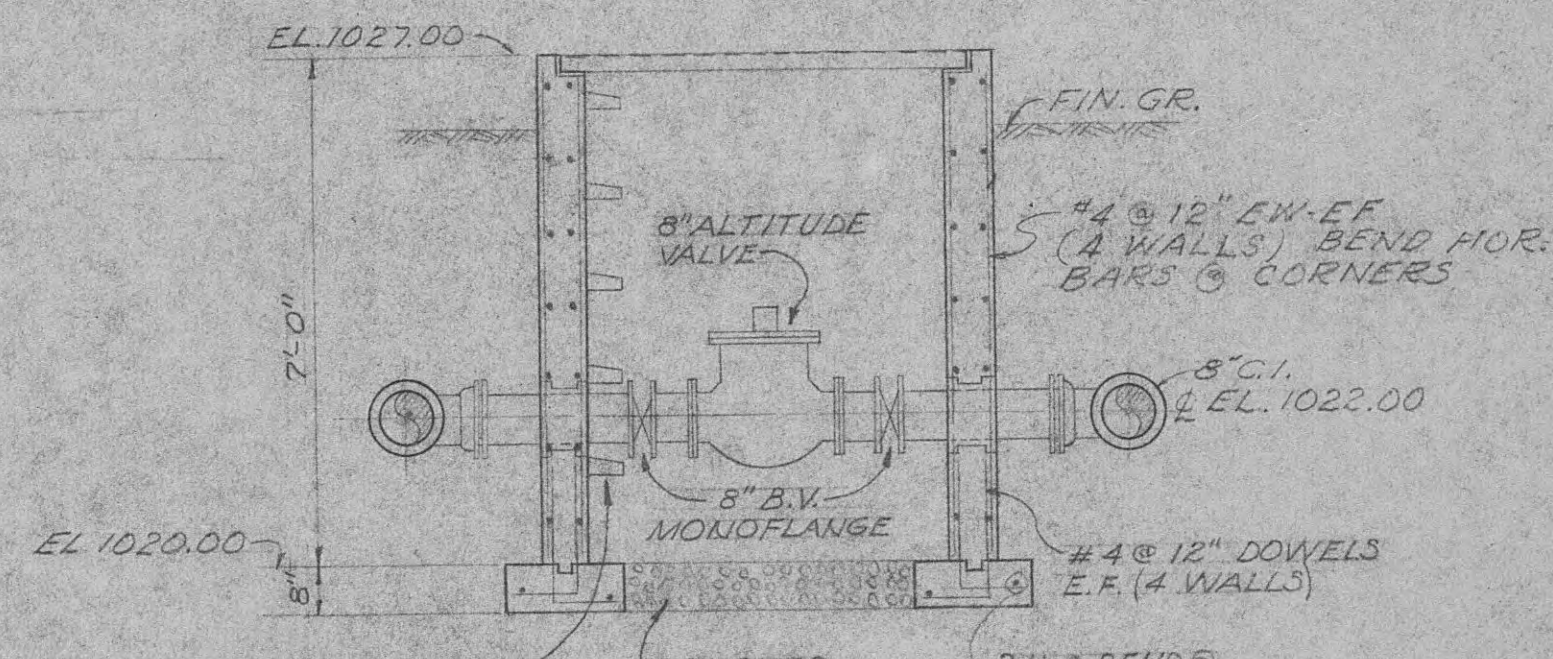
SCALE AS SHOWN	WIEDEMAN AND SINGLETON ENGINEERS	SHEET 2
DATE MAY, 1966	ATLANTA GEORGIA	OF 5



TOP PLAN



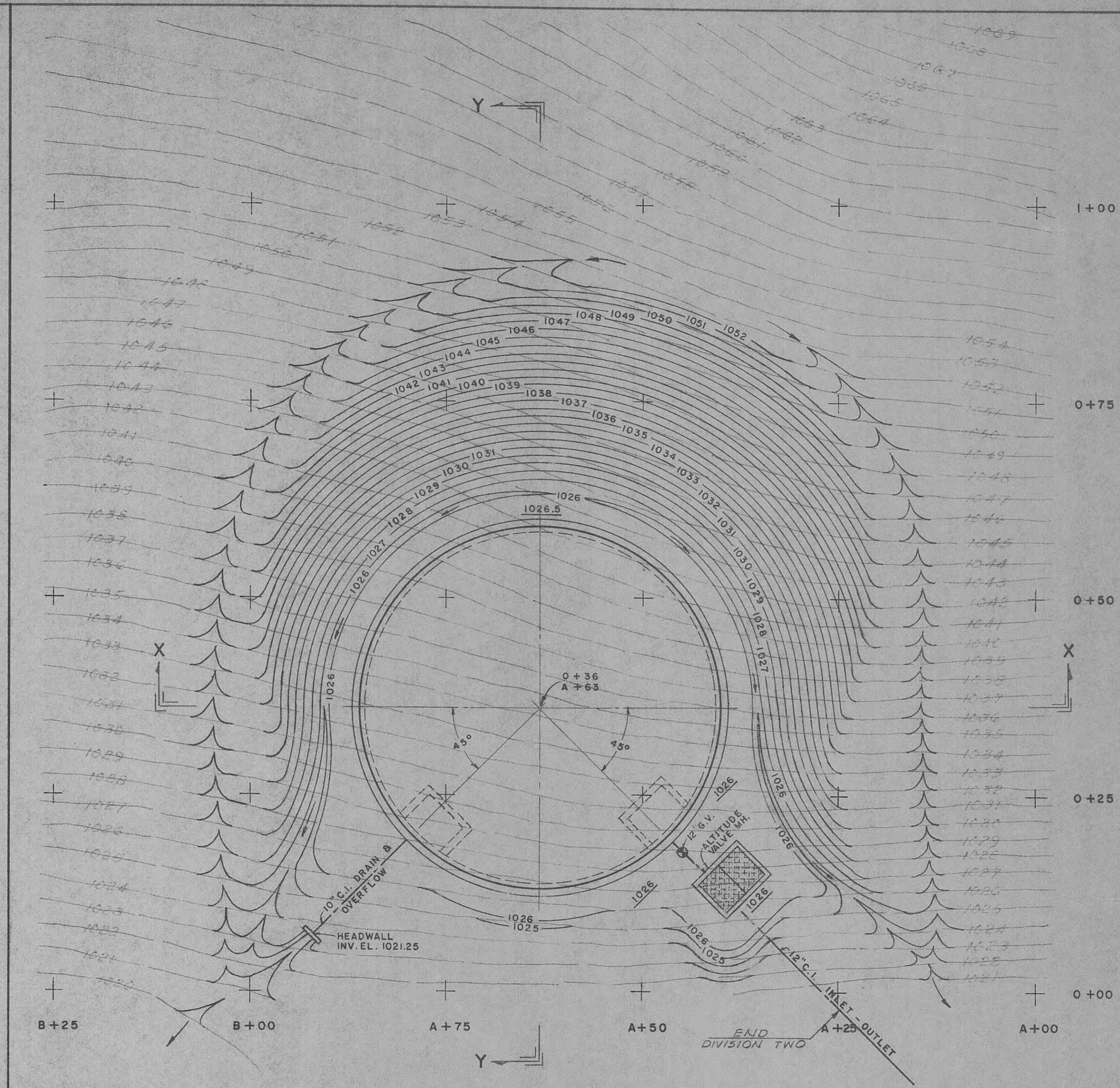
WALL PLAN



SECTION A-A

ALTITUDE VALVE MANHOLE

SCALE 3/8"=1'-0"

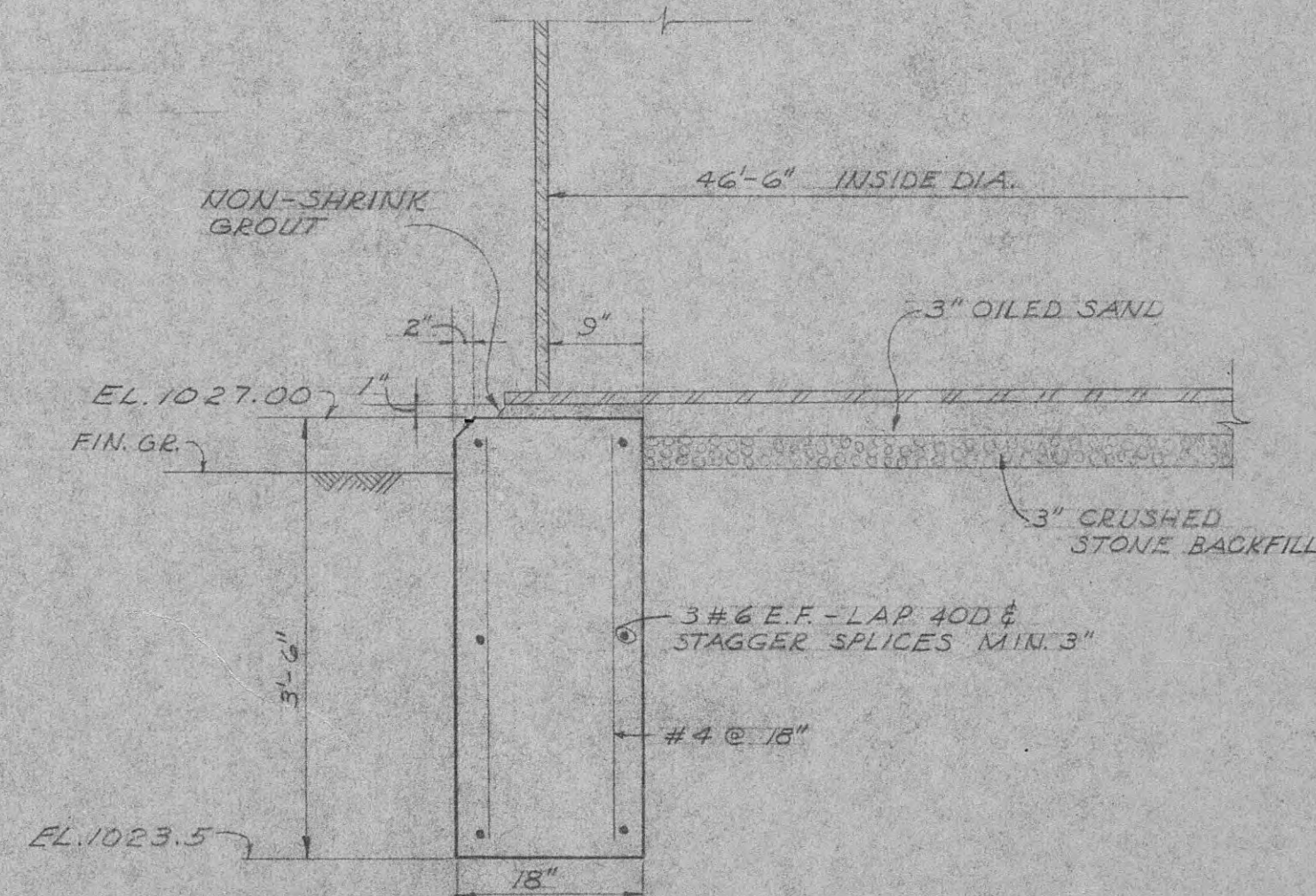


GENERAL LAYOUT
SCALE 1" = 10'

INLET & OUTLET STRUCTURE
SCALE 3/8"=1'-0"

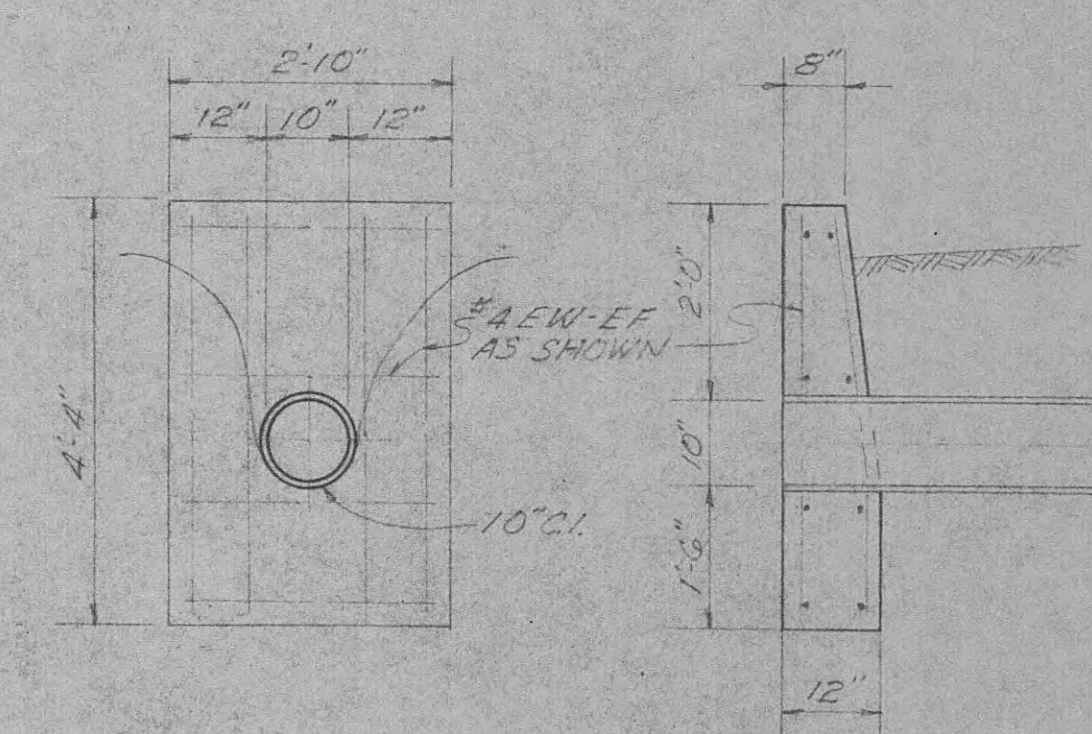
DRAIN & OVERFLOW STRUCTURE
SCALE 3/8" = 1' - 0"

SCALE 3/8"=1'-0"

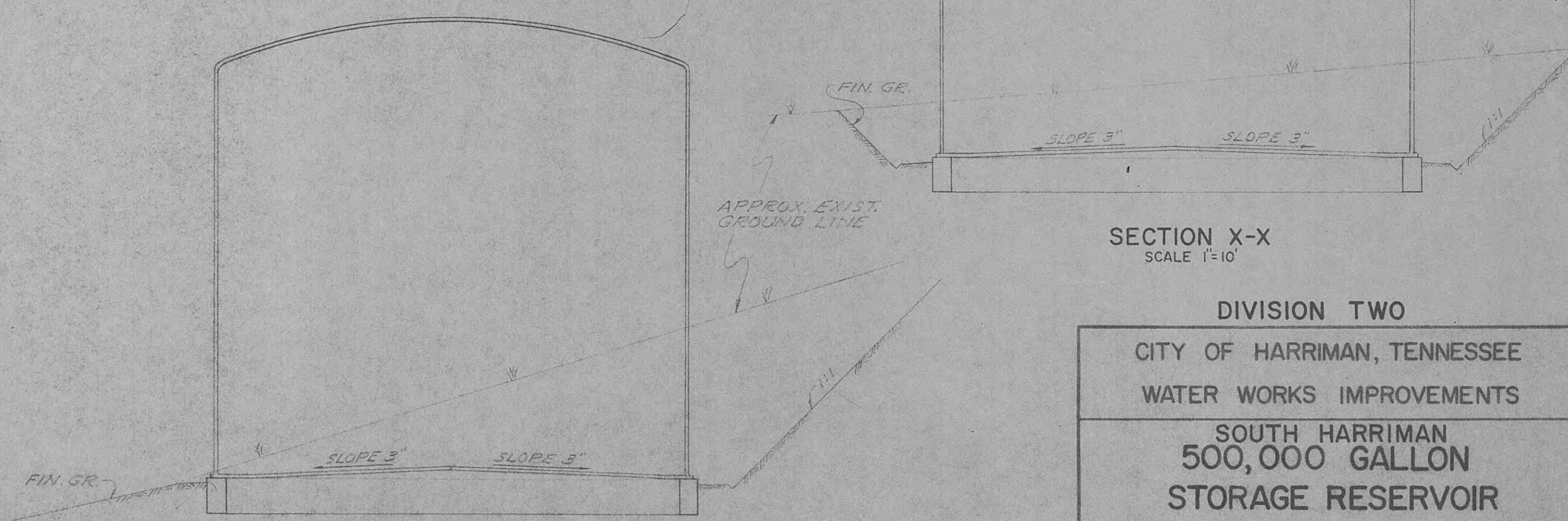


RING WALL DETAIL

SCALE 3/4"=1'-0"



HEADWALL DETAIL
N.T.S.



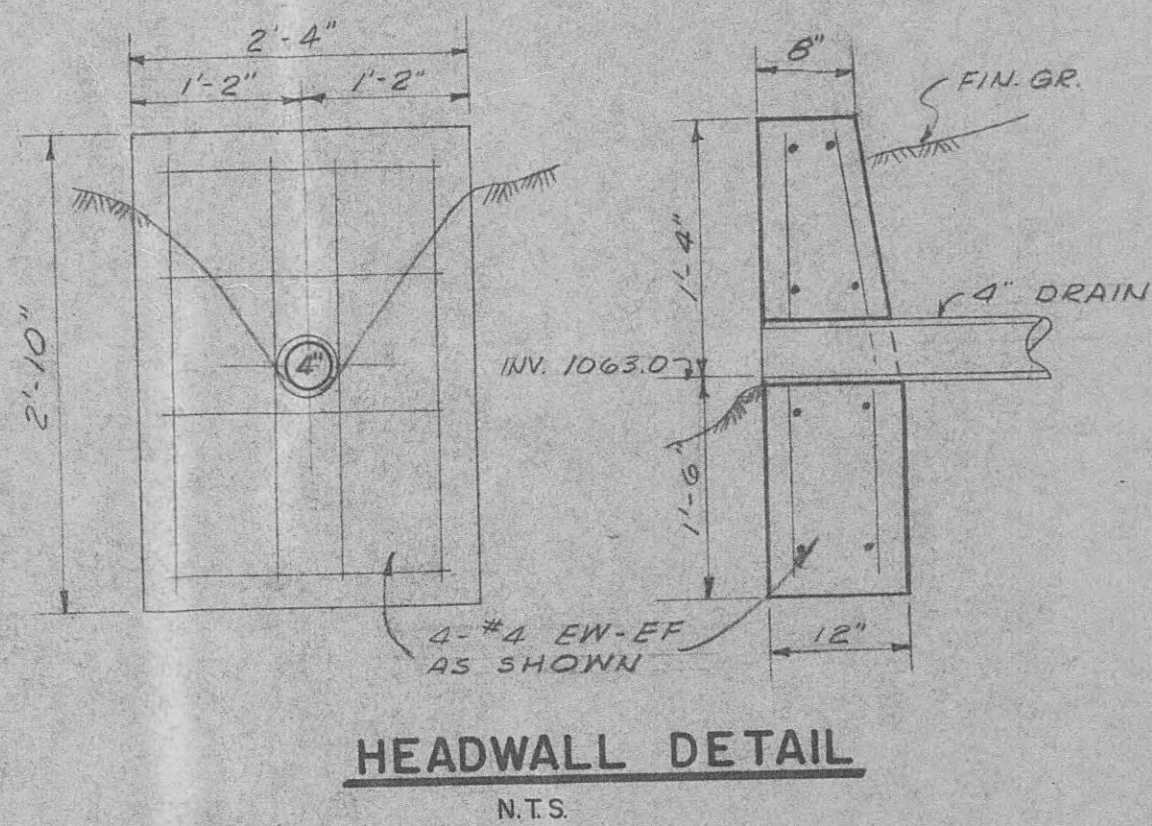
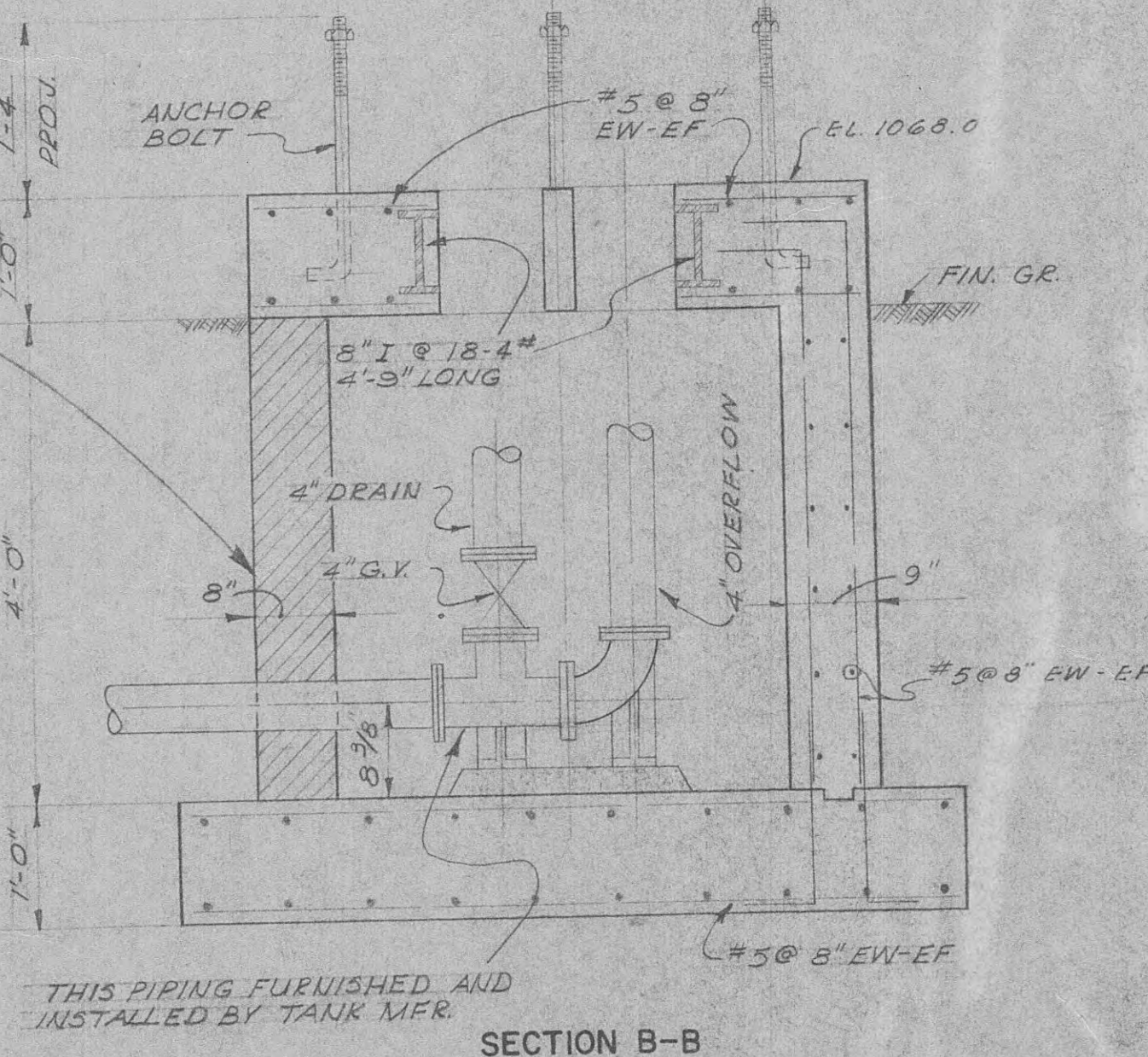
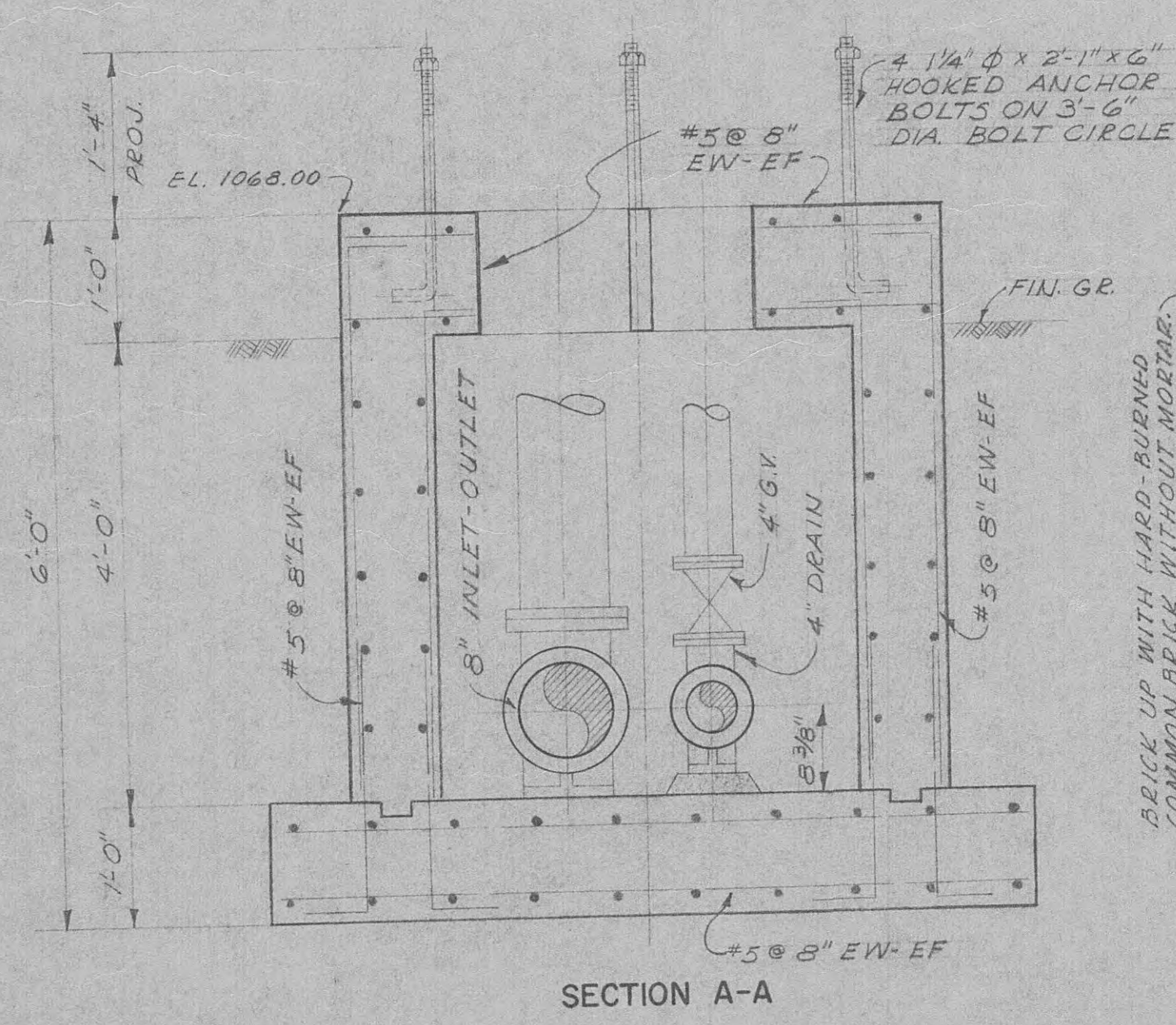
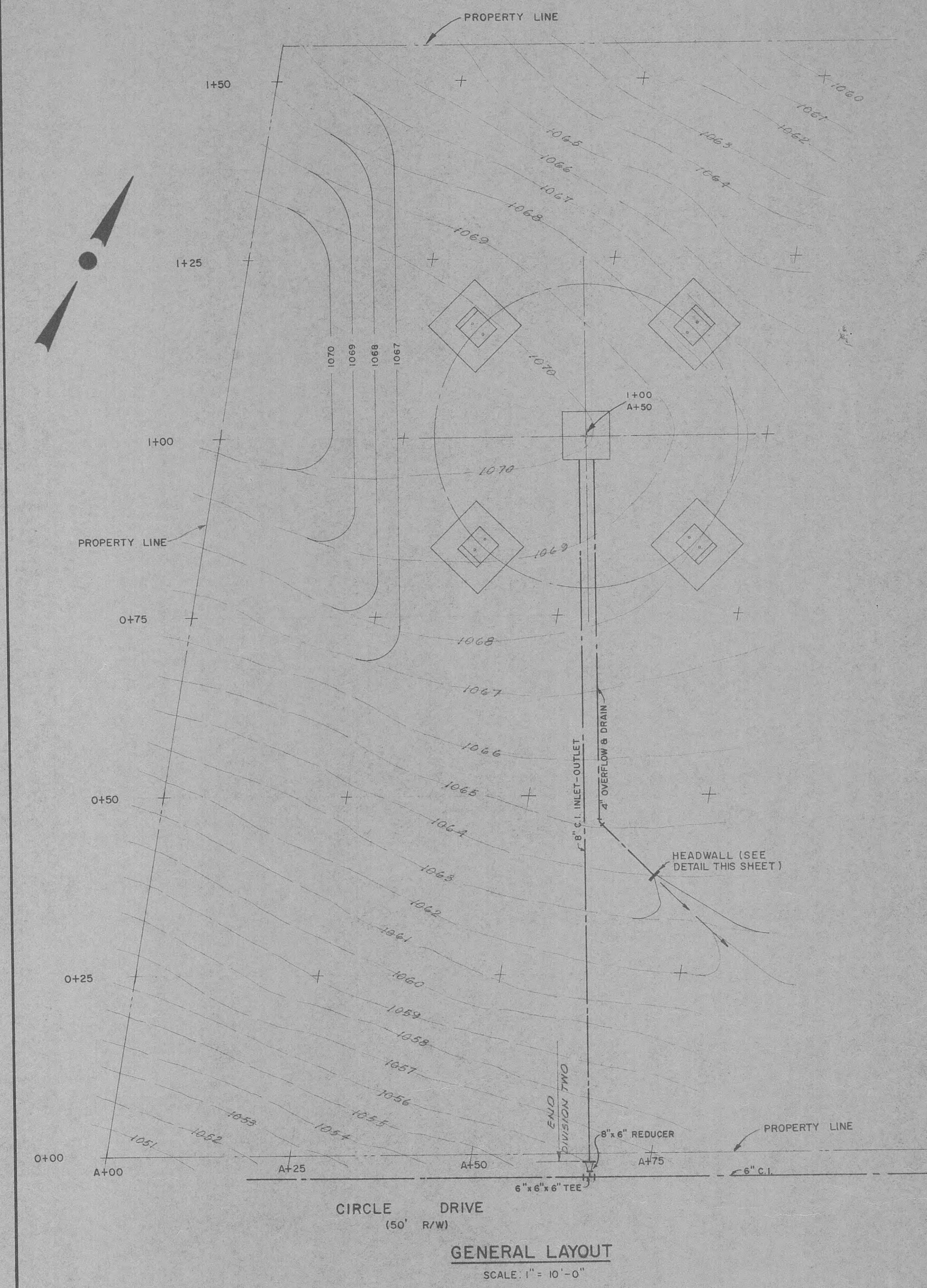
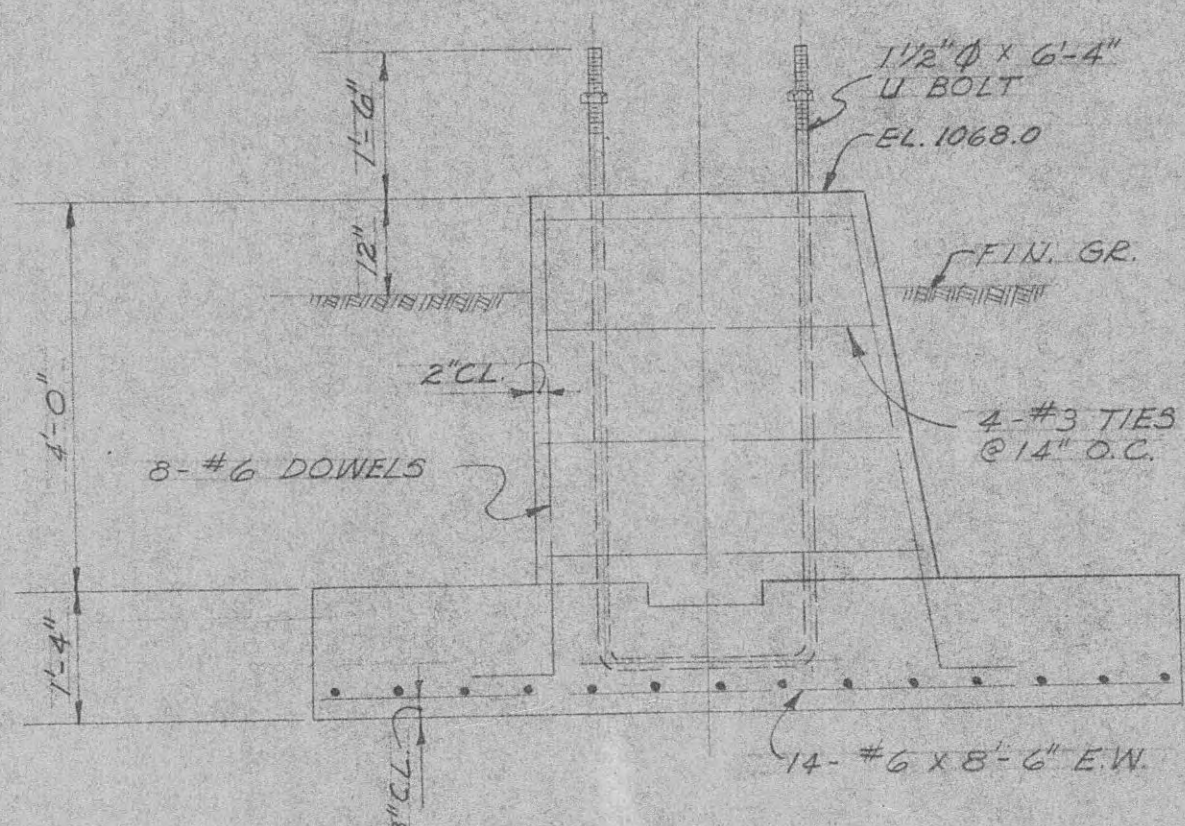
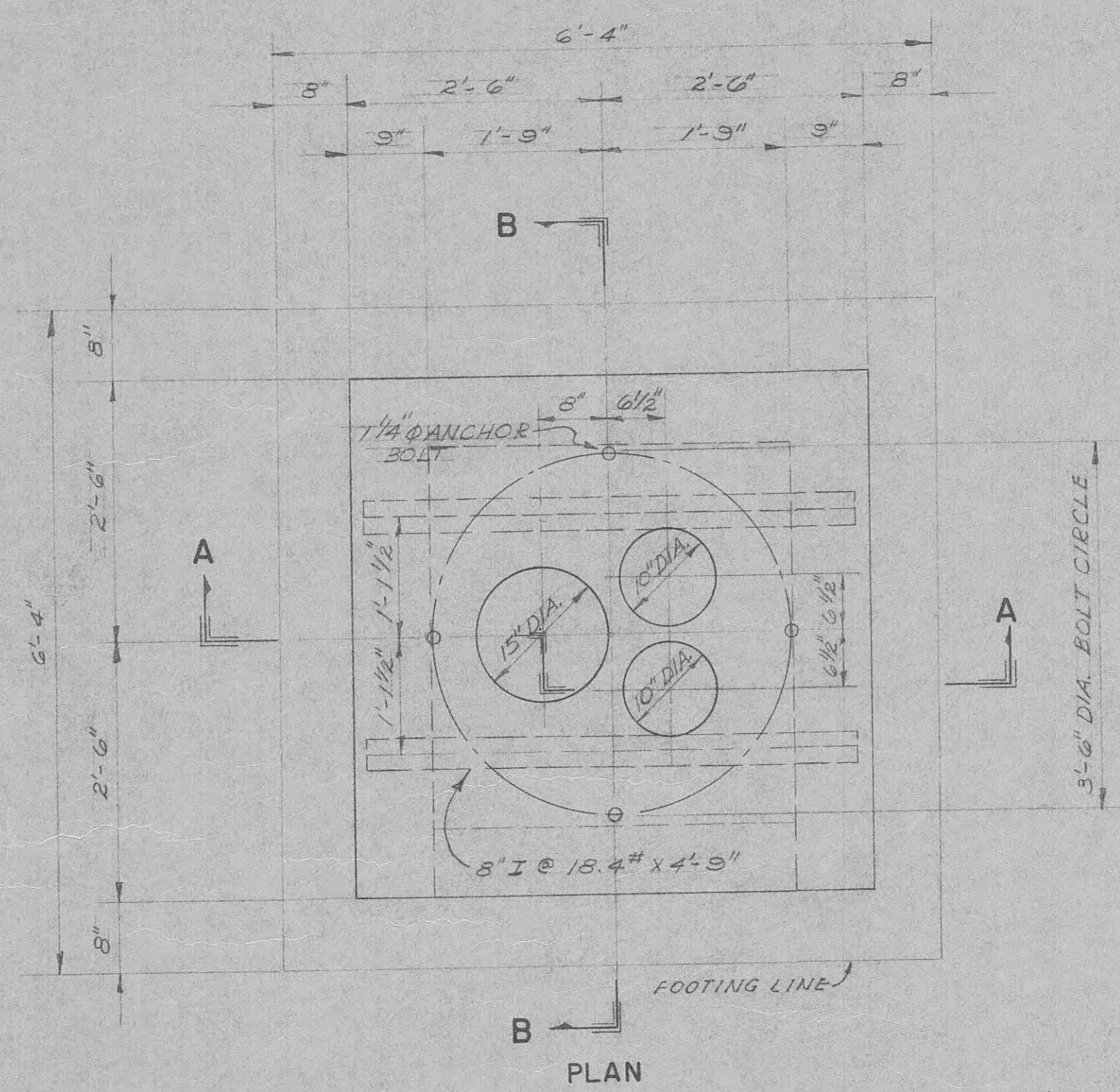
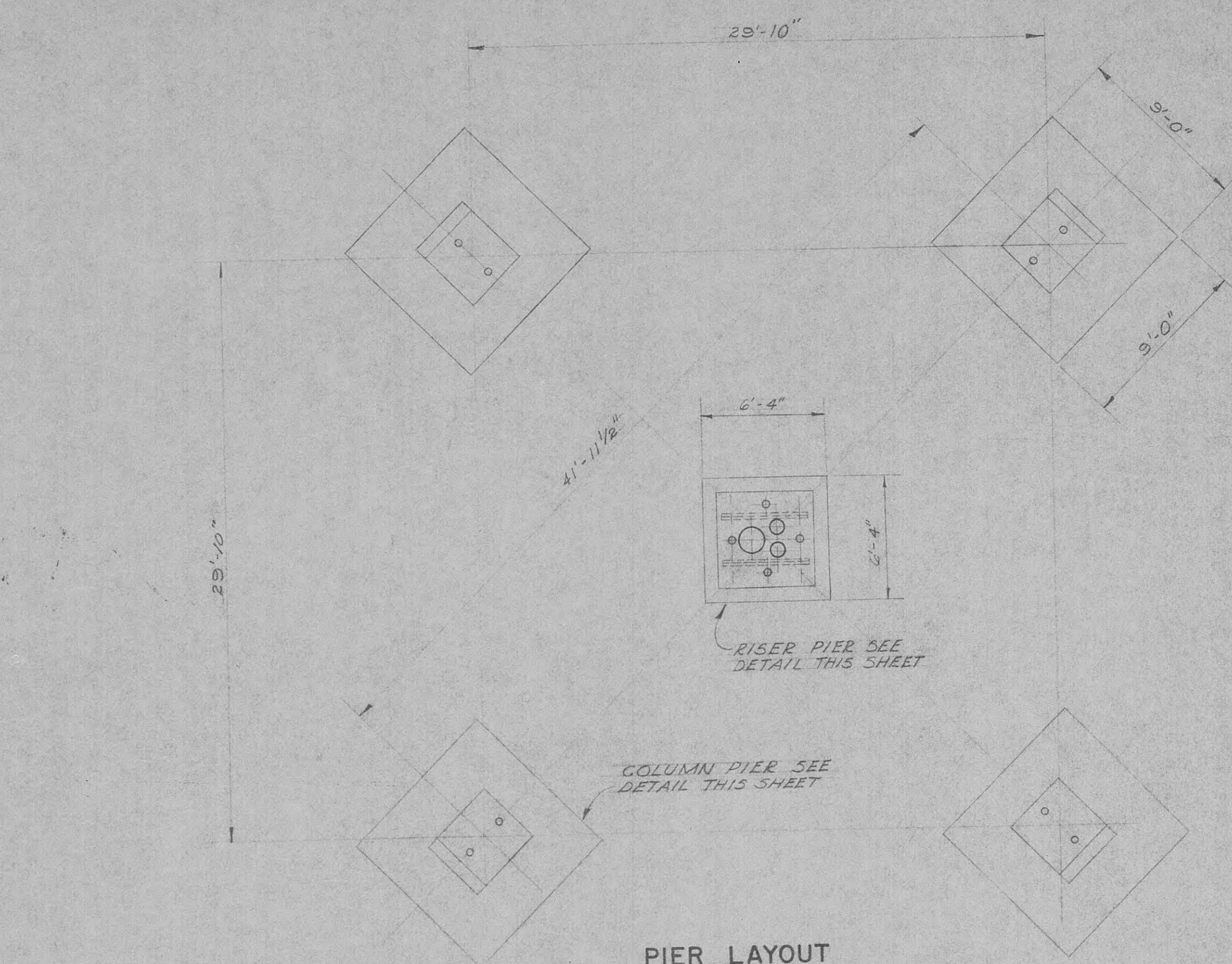
SECTION X-X
SCALE 1"=10'

DIVISION TWO

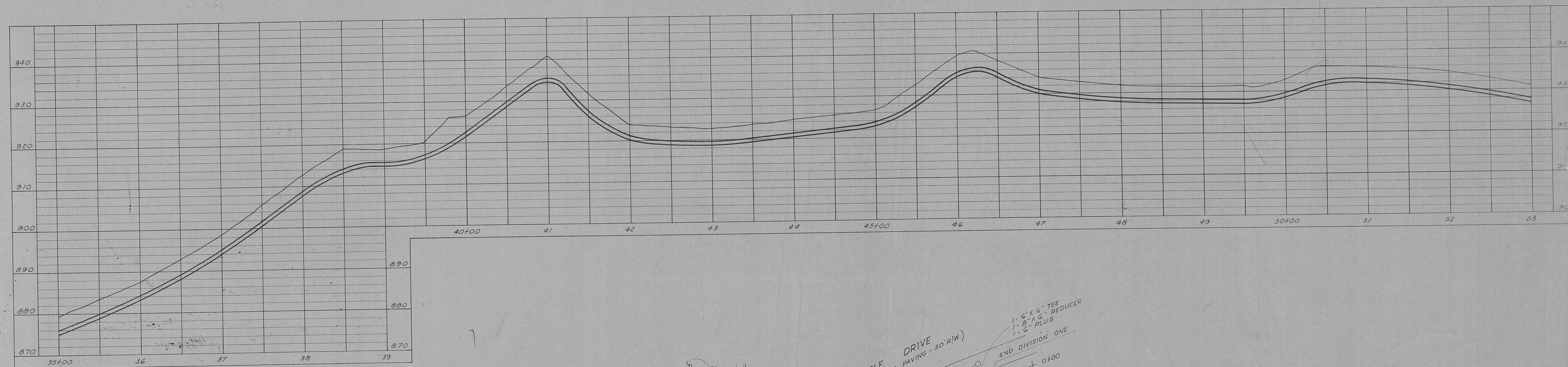
CITY OF HARRIMAN, TENNESSEE
WATER WORKS IMPROVEMENTS

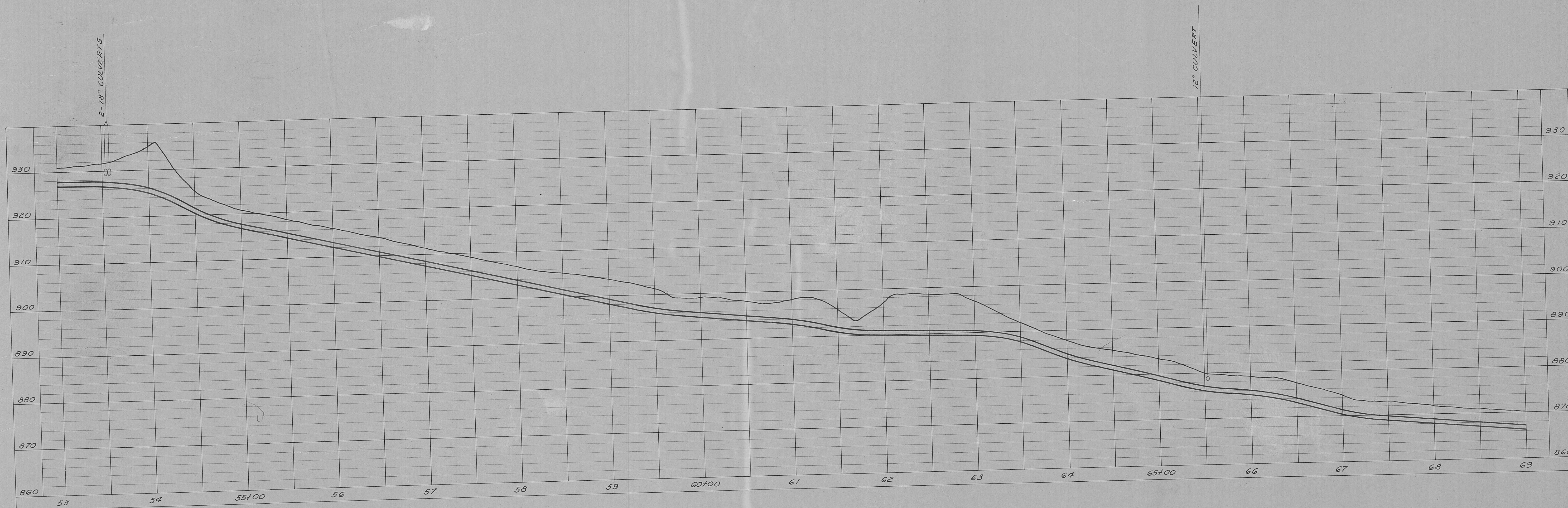
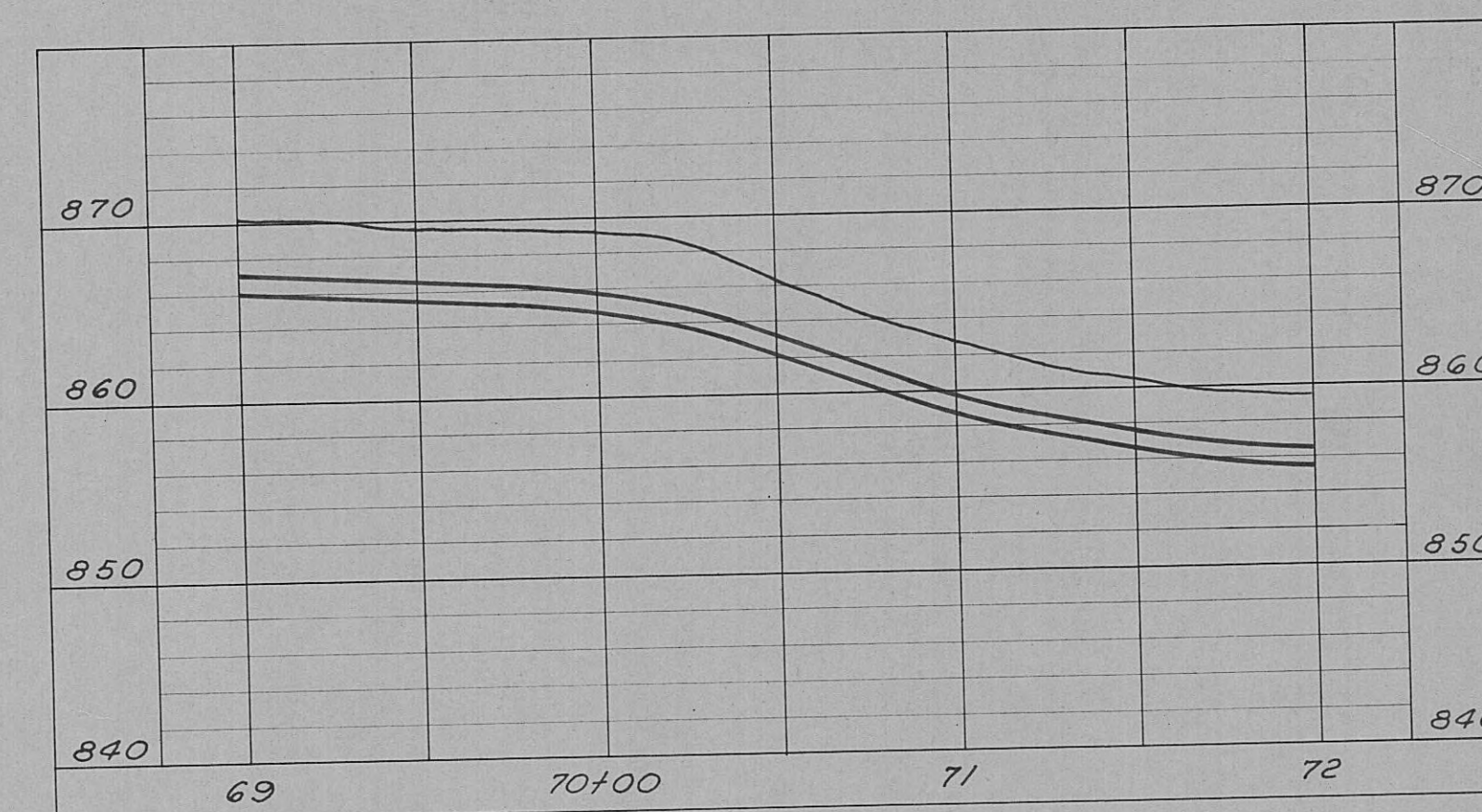
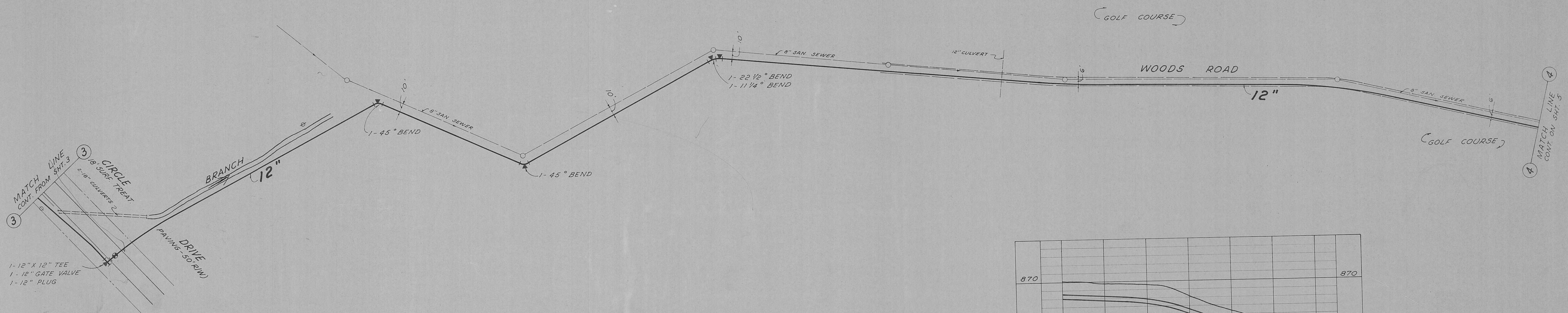
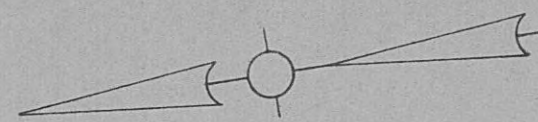
SOUTH HARRIMAN
500,000 GALLON
STORAGE RESERVOIR

SCALE AS SHOWN DATE MAY, 1966	WIEDEMAN AND SINGLETON ENGINEERS ATLANTA GEORGIA	SHEET 3 OF
--	---	------------------



RISER PIER
SCALE: 3/4" = 1'-0"





DIVISION ONE

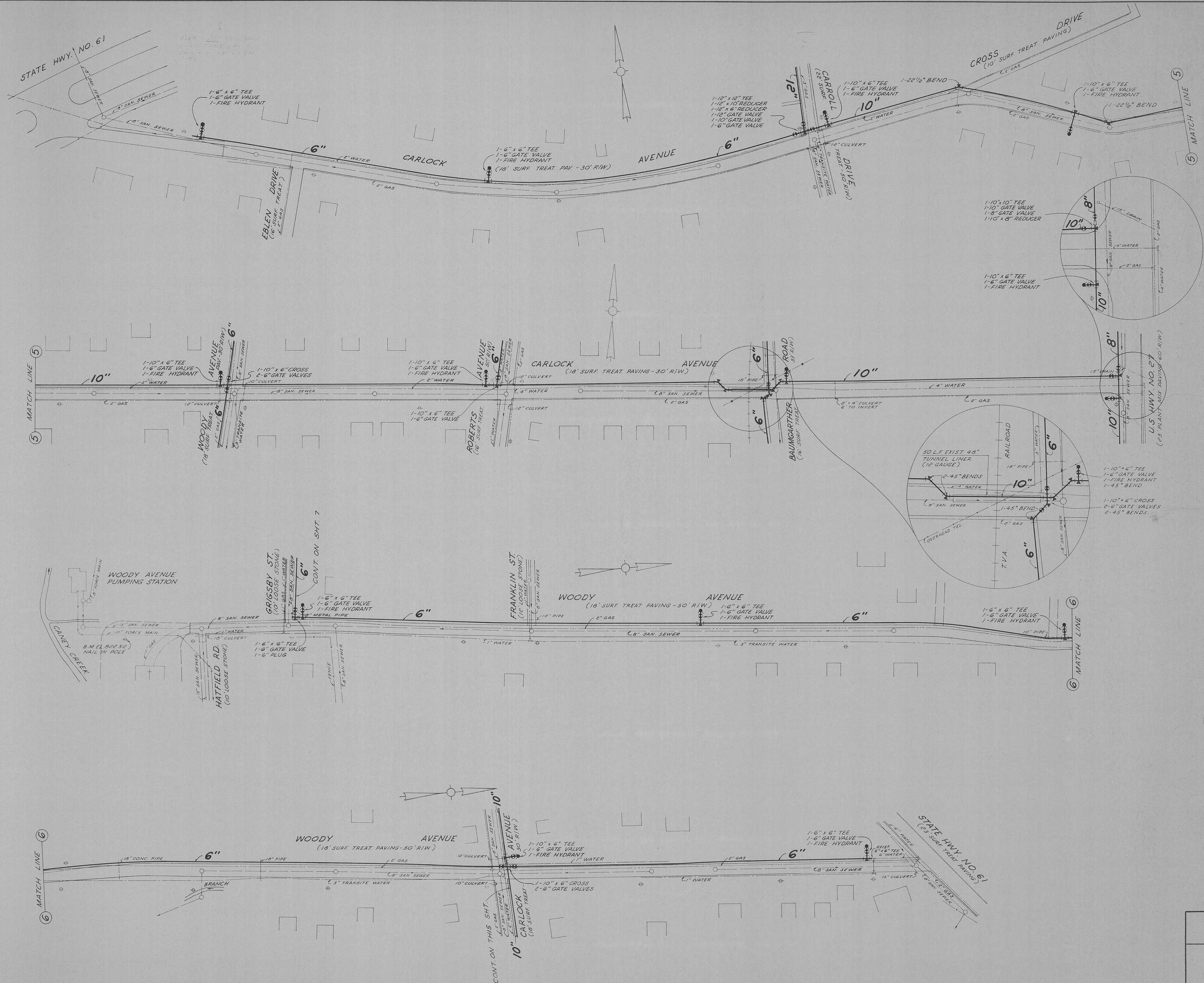
CITY OF HARRIMAN, TENNESSEE
WATER SYSTEM IMPROVEMENT

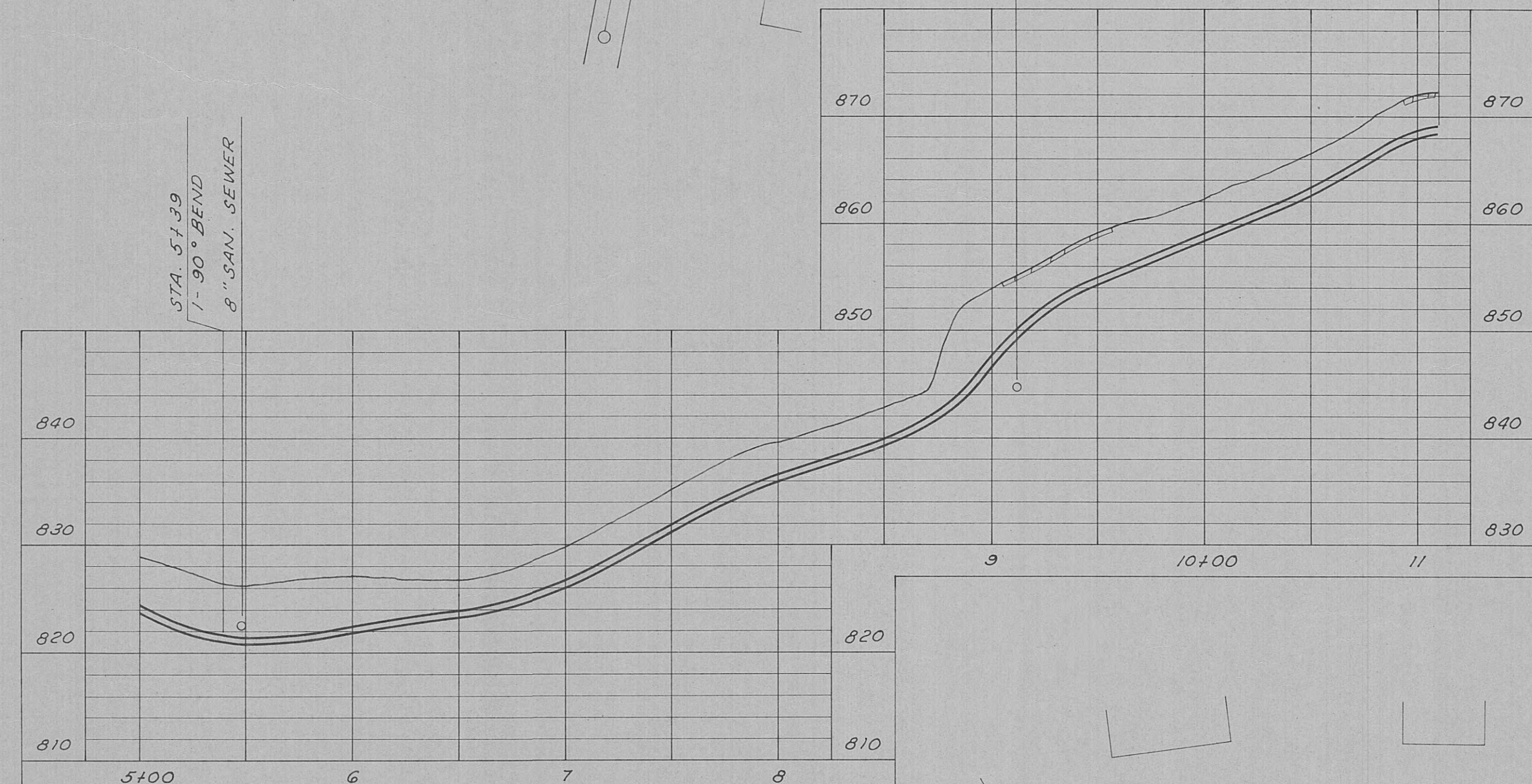
EXTENSIONS TO
DISTRIBUTION SYSTEM

SCALE:
1"=50' HORZ.
1"=10' VERT.
DATE:
MAY, 1966

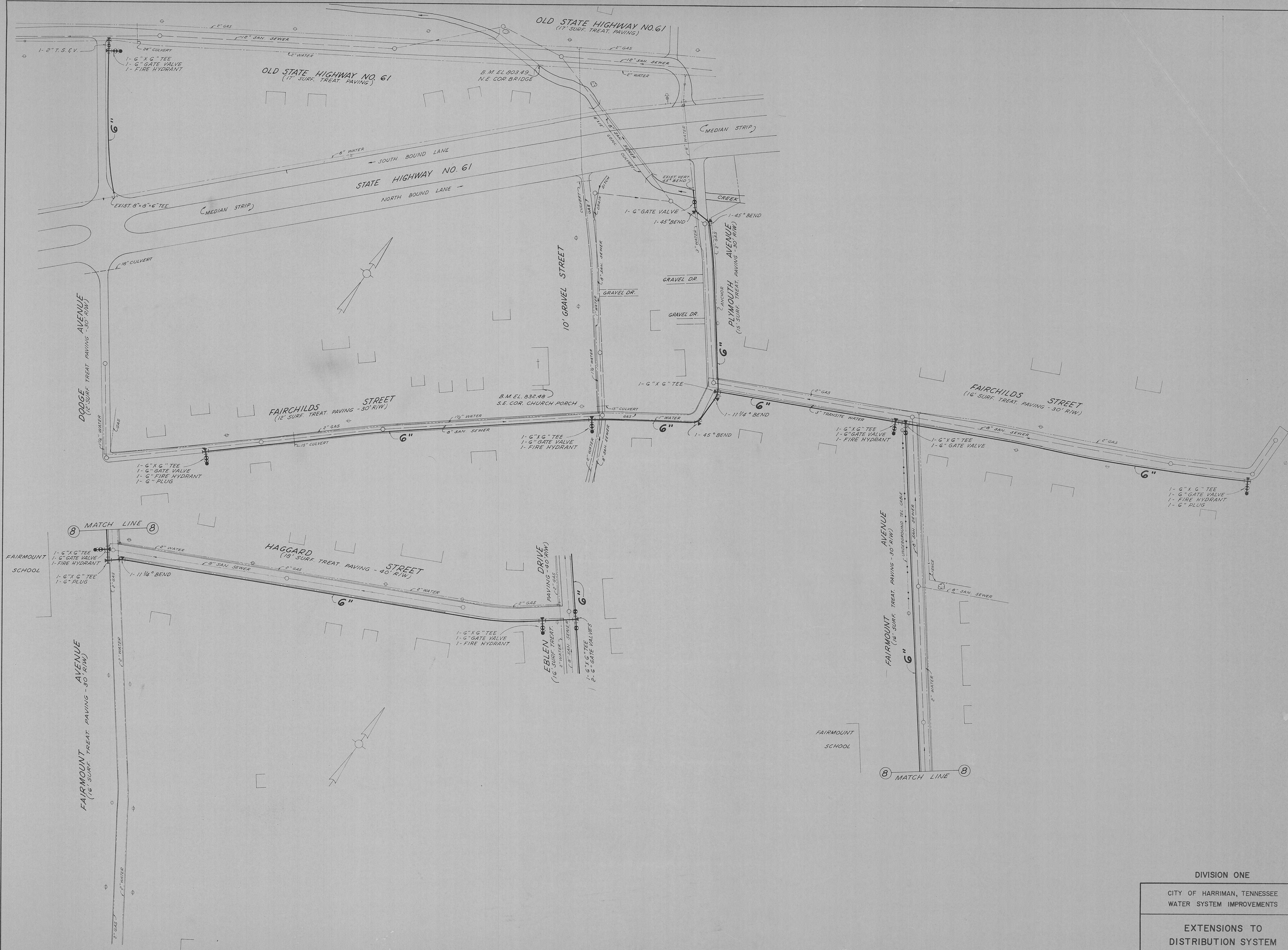
WIEDEMAN AND SINGLETON
ENGINEERS
ATLANTA GEORGIA







PROFILE
6" WATER MAIN FROM GRIGSBY
STREET CROSS COUNTRY TO
INTERSECTION OF GRANT CIRCLE
AND GILBERT DRIVE
STA. 5+39 TO STA. 11+10



DIVISION ONE		
CITY OF HARRIMAN, TENNESSEE WATER SYSTEM IMPROVEMENTS		
EXTENSIONS TO DISTRIBUTION SYSTEM		
SCALE 1" = 50'	WIEDEMAN AND SINGLETON ENGINEERS	SHEET 8
DATE MAY, 1966	ATLANTA GEORGIA	OF 23